

## 1. Design: a) UI/UX Designer

Position	UI/UX Designer ( Scale III/II )
<b>Role &amp; Responsibilities</b>	<p>Designing (UX/UI) digital customer journey while ensuring design journey is in line with design guidelines, incorporates best in class practices and in line with business requirements and regulatory constraints</p> <ul style="list-style-type: none"><li>• Collaborate with research, product, and business stakeholders with the goal of creating high quality graphic standards</li><li>• Work with business teams to understand business objective, identify regulatory constraints and align business KPIs to be impacted by the envisioned journey</li><li>• Visual Design of icons, promotional banners etc.</li><li>• Work closely with development team to design wireframes, review changes for feasibility and incorporate changes</li><li>• Conduct user research through surveys, interviews, and competitor benchmarking for defining design strategy</li><li>• Study industry best-practices in UX/UI design to stay up to date on emerging trends &amp; technologies</li><li>• Design prototype for multiple channels and demonstrate to the business and customer experience. Lead the team of Designers / Developers to deliver product prototypes, wireframes and designs</li><li>• Determine information architecture and create sitemaps for websites &amp; mobile apps</li><li>• Ensure high quality graphic standards and brand consistency</li></ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <p>Experience of design principles, designing applications, interfaces, websites, products and services that balance user needs, business objectives and technological constraints</p> <ul style="list-style-type: none"><li>• Expert knowledge of Adobe Creative Suite, Figma, Adobe XD, Sketch, InVision, Principle, Framer, Axure , MS Office and other rapid prototyping tools; strong interaction and visual design skills</li><li>• Proficient understanding of fundamentals as well as industry best- practices in UX/UI design &amp; development</li><li>• Knowledge of Planning and designing Information architecture for the website or application</li><li>• Knowledge of creating &amp; defining use cases, flow diagrams and Information hierarchies</li><li>• Strong visual design skills, able to create compelling, branded, high- fidelity product screens</li><li>• Strong influencing, negotiation and communication skills</li><li>• Knowledge of banking industry and financial products</li></ul>
<b>Education Qualification</b>	<p>Bachelors/Master's degree in any specialization from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only).</p> <p>Design related degrees and / or Certifications from reputed Institutes / professional bodies eg. HFI, NNG etc. are desired but not mandatory.</p>

<b>Experience</b>	<b>Scale III</b> Minimum 6 years Post Qualification Experience in UI/UX Designing of which 4 years experience in Product/interface design, creating mock-ups and prototypes, designing applications and leading design teams
	<b>Scale II</b> Minimum 4 years Post Qualification Experience in UI/UX Designing of which 2 Years of Experience in Product/interface design, creating mock-ups and prototypes or designing applications or leading design teams

## **2. Developer – JAVA: a) JAVA Developer**

<b>Position</b>	<b>JAVA Developer ( Scale III / II/I )</b>
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Able to rapidly acquire knowledge of a given domain.</li> <li>• Effective in ensuring that deliverables are in conformance with system architecture and standards for development.</li> <li>• Communicate efficiently and purposefully with internal customers and business partners.</li> <li>• Conducting Business Requirement Analysis and preparation of detailed Solution Design</li> <li>• Perform additional duties as determined by business needs and as directed by management. Application Development for various Business Demands using latest development technologies.</li> <li>• Responsible for Coding, Implementation, Maintenance, Quality Assurance, Debugging etc.</li> <li>• Configuring App Connect Enterprise Server and designing, developing integration interfaces</li> <li>• Development of Microservices Architecture</li> <li>• Deployment of applications in Containers</li> <li>• CI/CD Pipeline Implementation</li> <li>• Managing the health of Integration Servers, Manage the resource used by integration servers and integration nodes, Manage the deployment of BAR file</li> <li>• Managing communication among different stakeholders</li> <li>• Develop solutions designed to maximize Business Value.</li> <li>• Closing the findings of User Acceptance Testing and Information Security Testing</li> <li>• Deployment of the developed software / application</li> <li>• Handling the Production Bugs and providing support.</li> <li>• Documentation, train the team in latest development technologies.</li> <li>• Continually learn and keep abreast with latest technologies.</li> </ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Application Development for various Business Demands using latest development technologies.</li> <li>• Responsible for Coding, Implementation, Maintenance, Quality Assurance, Debugging etc.</li> <li>• Java Backend Development especially Spring Boot framework</li> <li>• Hands on experience in configuring App Connect Enterprise in container environment and on designing and developing integration interfaces</li> <li>• Knowledge on Integration Design guidelines, foundation services and best practices</li> <li>• Understanding different protocols like HTTP, MQ, FTP, RPC etc. and XML, JSON, Delimited data structure</li> <li>• Ability to use Java Compute Node (JCN) framework to handle different ACE scenarios</li> <li>• Expertize in ESQL coding along with knowledge of REST API and SOAP-based web services</li> <li>• Hands-on experience with XML and MRM-based Message flows and Message sets/DFDLs</li> <li>• Ability to perform data analysis, and develop intensive and scalable solutions with a comprehensive error-handling approach</li> <li>• Good Knowledge of MQ channel configuration using different transmission protocols</li> <li>• Good Knowledge of MQ Client applications &amp; MQ client configuration</li> <li>• Hands-on experience on IBM API Connect with knowledge of Developer Portal, API Manager, and Developer toolkit</li> <li>• Understanding of Micro services Architecture</li> </ul>

	<ul style="list-style-type: none"> <li>• Deployment of applications in Containers and CI/CD Pipeline Implementation</li> </ul>
<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>Preferred Certification (non-mandatory):</b> i. Spring Certified Professional, Oracle Certified Professional Java Application Developer or equivalent Certification ii. IBM Certified Developer – App Connect Enterprise, IBM Certified System Administrator – MQ</p>
<b>Experience</b>	<p><b>Scale III</b></p> <p><b>Minimum 6 years Post Qualification</b> Experience in Java Development of which minimum 4 years of experience in handling Spring Boot framework, Development of ACE/MQ</p> <p><b>Scale II</b></p> <p><b>Minimum 4 years Post Qualification</b> Experience in Java Development of which minimum 2 years of experience in handling Spring Boot framework, Development of ACE/MQ</p> <p><b>Scale 1</b></p> <p><b>Minimum 2 years Post Qualification</b> Experience in Java Development of which minimum 1 years of experience in handling Spring Boot framework, Development of ACE/MQ, API Development.</p>

## 2. Developer – JAVA: b) Mobile Application Developer

<b>Position</b>	<b>Mobile Application Developer ( Scale II)</b>
Role & Responsibilities	<ul style="list-style-type: none"> <li>• Design and build advanced applications for the Android/ iOS platform.</li> <li>• Collaborate with cross-functional teams to define, design, and finalize new features.</li> <li>• Ensure the performance, quality, and responsiveness of applications</li> <li>• Work with outside data sources and APIs.</li> <li>• Unit-test code for robustness, including edge cases, usability, and general reliability. A/B testing</li> <li>• Work on bug fixing and improving application performance, App analytics, crashlytics, authentication, Notification.</li> <li>• Continuously discover, evaluate, and implement new technologies to maximize development efficiency.</li> <li>• Coordinate with various teams to ensure all development tasks meet quality criteria.</li> <li>• Work closely on the deadlines of the project</li> </ul>
Job specific skills	<ul style="list-style-type: none"> <li>• Proven software development experience including Android/iOS skills.</li> <li>• Proven working experience in Android/iOS mobile app development and have published original Android/iOS app.</li> <li>• Experience with third-party libraries and APIs, CI/CD Integrations, Git.</li> <li>• Vast knowledge of the general mobile landscape, architectures, trends, and emerging technologies,</li> <li>• Experience in Mobile Application design, development &amp; deployment, Responsive designing, Integration of Restfull APIs, SOAP APIs, GraphQL APIs and Database etc.,</li> <li>• Deep experience in hybrid mobile app development for iOS and Android platforms using Javascript, JQuery mobile, Alloy framework, iOS SDK, Android SDK, Java, Kotlin, Swift, Objective C, Android Studio, Xcode and Flutter, React Native, etc.,</li> <li>• Should have hands-on experience in Mobile app development, design, build, deploy, test, release to app stores and support.</li> </ul>
Education Qualification	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p>

	<b>Preferred Certifications (non-mandatory)::</b> certifications in Android and iOS mobile app Development
Experience	<b>Scale II</b> <b>Minimum 4 years Post Qualification Experience in Software Development</b> of which minimum 2 years of experience in Mobile App Development for Android and IOS

### 3. a) Developer COBOL

Position	COBOL Developer ( Scale III / II )
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Communicate efficiently and purposefully with internal customers and business partners.</li> <li>• Conducting Business Requirement Analysis</li> <li>• Architect and implement solutions that integrate frontend and backend functionality seamlessly.</li> <li>• Closing the findings of User Acceptance Testing and Information Security Testing</li> <li>• Deployment of the developed software / application</li> <li>• Continually learn and keep abreast with latest technologies.</li> <li>• Perform additional duties as determined by business needs and as directed by management.</li> <li>• Integrating frontend components with backend services and APIs.</li> <li>• Implementing security and data protection measures.</li> <li>• Collaborating with cross-functional teams to deliver high-quality software solutions.</li> <li>• Troubleshooting and debugging issues.</li> <li>• Leading the architectural design and implementation of software systems, including system design, database design.</li> <li>• Developing architectural standards, patterns, and best practices to guide software development processes.</li> <li>• Collaborating with stakeholders to understand business requirements and translate them into technical solutions.</li> <li>• Evaluating and recommending appropriate technologies, frameworks, and tools to support business objectives.</li> <li>• Designing scalable, reliable, and secure software architectures that meet performance and scalability requirements.</li> <li>• Conducting architectural reviews and providing guidance to development teams to ensure adherence to architectural principles and standards.</li> <li>• Implementing continuous integration and continuous delivery (CI/CD) pipelines to automate software build, test, and deployment processes.</li> <li>• Mentoring and coaching junior architects and developers, fostering a culture of technical excellence and innovation.</li> </ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• COBOL Development: Design, code, test, and maintain software applications or systems written in COBOL, adhering to coding standards and best practices including code review.</li> <li>• Legacy System Maintenance: Enhance and support existing COBOL applications, troubleshooting and resolving issues as they arise</li> <li>• Data Management: Manipulate and manage data within COBOL programs, including file handling and database interactions</li> <li>• Documentation: Maintain comprehensive documentation of COBOL code, technical specifications, and program logic</li> <li>• Performance Optimization: Optimize COBOL programs for performance and efficiency, addressing bottlenecks and improving response times</li> <li>• Integration: Collaborate with other development teams and systems to ensure data flow and integration between COBOL and modern technologies</li> <li>• Testing: Conduct unit testing , support integration and performance testing to ensure the reliability and functionality of COBOL applications</li> </ul>

	<ul style="list-style-type: none"> <li>• Reviewing current processes to determine if there are ways to make those processes more efficient and then help with designing changes.</li> <li>• Coordinate with team members and cross-functional team to perform impact analysis and root cause analysis.</li> <li>• Coordinate with product specialists and regulatory personnel to develop application specifications that conform to existing architecture.</li> <li>• Excellent problem-solving and communication skills.</li> <li>• Ability to work independently and collaboratively in a fast-paced environment.</li> <li>• Familiarity with Agile development methodologies.</li> <li>• Experience designing and implementing scalable, distributed systems</li> <li>• Strong leadership, communication, and collaboration skills, with the ability to influence and guide cross-functional teams.</li> <li>• Excellent problem-solving and decision-making abilities, with a focus on delivering high-quality solutions that meet business objectives.</li> </ul>
<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>Preferred Certification (non-mandatory):</b> Developer/Architect certification like, Certified System Architect, Certified Agile Developer and IBM Certified Application Developer /System Programmer in COBOL</p>
<b>Experience</b>	<p><b>Scale III</b></p> <p><b>Minimum 6 years Post Qualification Experience in Software Development</b> of which minimum 4 years of post-qualification software development experience in COBOL</p> <p><b>Scale II</b></p> <p><b>Minimum 4 years Post Qualification Experience in Software Development</b> of which minimum 2 years of post-qualification software development experience in COBOL</p>

#### 4. a) Developer - DOT NET

<b>Position</b>	<b>DOT NET Developer ( Scale II)</b>
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Communicate efficiently and purposefully with internal customers and business partners.</li> <li>• Conducting Business Requirement Analysis</li> <li>• Architect and implement solutions that integrate frontend and backend functionality seamlessly.</li> <li>• Closing the findings of User Acceptance Testing and Information Security Testing</li> <li>• Deployment of the developed software / application</li> <li>• Continually learn and keep abreast with latest technologies.</li> <li>• Perform additional duties as determined by business needs and as directed by management.</li> <li>• Integrating frontend components with backend services and APIs.</li> <li>• Implementing security and data protection measures.</li> <li>• Optimizing web applications for maximum speed and scalability.</li> <li>• Collaborating with cross-functional teams to deliver high-quality software solutions.</li> <li>• Troubleshooting and debugging issues.</li> <li>• Leading the architectural design and implementation of software systems, including system design, database design, and API design.</li> <li>• Developing architectural standards, patterns, and best practices to guide software development processes.</li> <li>• Collaborating with stakeholders to understand business requirements and translate them into technical solutions.</li> <li>• Evaluating and recommending appropriate technologies, frameworks, and tools to support business objectives.</li> <li>• Designing scalable, reliable, and secure software architectures that meet performance and scalability requirements.</li> </ul>

	<ul style="list-style-type: none"> <li>• Conducting architectural reviews and providing guidance to development teams to ensure adherence to architectural principles and standards.</li> <li>• Implementing continuous integration and continuous delivery (CI/CD) pipelines to automate software build, test, and deployment processes.</li> <li>• Mentoring and coaching junior architects and developers, fostering a culture of technical excellence and innovation.</li> <li>• Knowledge of web application development and web technologies like HTML5, Visual Studio, C#, CSS.</li> <li>• Experience in project/program management.</li> <li>• Building and Leading high-performing agile teams</li> <li>• Focus on planning, development of strategies/initiatives</li> <li>• Experience in delivering complex technology solutions within a defined Software development lifecycle</li> <li>• Should have strong written, verbal and presentation skills</li> </ul> <p><b>Desirable:</b></p> <ul style="list-style-type: none"> <li>• Knowledge of .Net MVC, .NET Core.</li> </ul>
<p><b>Job specific skills</b></p>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Responsible for Coding, Implementation, Maintenance, Quality Assurance, Debugging etc.</li> <li>• Strong object-oriented design skills, data structures and algorithms</li> <li>• Hands on experience of working with Micro services Architecture</li> <li>• Experience with working on containers</li> <li>• CI/CD Pipeline Implementation</li> <li>• Proficiency in one or more programming languages and frameworks relevant to the role</li> <li>• Strong understanding of software architecture, design patterns, and best practices.</li> <li>• Experience with version control systems such as Git.</li> <li>• Excellent problem-solving and communication skills.</li> <li>• Ability to work independently and collaboratively in a fast-paced environment.</li> <li>• Familiarity with Agile development methodologies.</li> <li>• Passion for learning and staying updated with the latest technologies and industry trends.</li> <li>• Proven track record of architecting and delivering complex software solutions in enterprise environments.</li> <li>• In-depth understanding of software architecture principles, design patterns, and best practices.</li> <li>• Experience designing and implementing scalable, distributed systems and micro-services architectures.</li> <li>• Strong leadership, communication, and collaboration skills, with the ability to influence and guide cross-functional teams.</li> <li>• Excellent problem-solving and decision-making abilities, with a focus on delivering high-quality solutions that meet business objectives.</li> <li>• Expertise in MVC architecture</li> <li>• Proven Expertise in bootstrap design and java script.</li> </ul>
<p><b>Education Qualification</b></p>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>Preferred Certification (non-mandatory):</b></p> <ul style="list-style-type: none"> <li>• “Dot Net” Certification from Microsoft.</li> <li>• Any other professional Certifications related to development of Dot Net Applications.</li> </ul>
<p><b>Experience</b></p>	<p><b>Scale II</b>  <b>Minimum 4 years Post Qualification Experience in Software Development of which</b> minimum 2 Years of post-basic work experience in Software Development in Dot Net platform.</p>

**5. Server Administrator: a) Open Shift/Red Hat Linux ADMIN (Scale III / II)**

Position	Open Shift/Red Hat Linux ADMIN ( Scale III / II )
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Managing OpenShift clusters from the command-line interface and from the web console</li> <li>• Deploying applications on OpenShift from container images, templates, and Kubernetes manifests</li> <li>• Troubleshooting network connectivity between applications inside and outside an OpenShift cluster</li> <li>• Connecting Kubernetes workloads to storage for application data</li> <li>• Configuring Kubernetes workloads for high availability and reliability</li> <li>• Managing updates to container images, settings, and Kubernetes manifests of an application</li> <li>• Deploying packaged applications using manifests, templates, Kustomize, and Helm.</li> <li>• Configuring authentication and authorization for users and applications.</li> <li>• Protecting network traffic with network policies and exposing applications with proper network access.</li> <li>• Deploying and managing applications using resource manifests.</li> <li>• Enabling developer self-service of application projects.</li> <li>• Managing OpenShift cluster updates and Kubernetes operator updates.</li> </ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Manage OpenShift Container Platform</li> <li>• Manage users and policies</li> <li>• Control access to resources</li> <li>• Configure networking components</li> <li>• Create and manage applications</li> <li>• Configure pod scheduling</li> <li>• Configure cluster scaling</li> </ul>
<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>Preferred Certifications (non-mandatory):</b> Red Hat Certified OpenShift Administrator, Linux Foundation Certified Kubernetes Administrator,</p>
<b>Experience</b>	<p><b>Scale III</b></p> <p><b>Minimum 6 years Post Qualification Experience in Server Administration</b> of which minimum 4 years of experience in OpenShift Administration in Banking and Fintech Domains</p> <p><b>Scale II</b></p> <p><b>Minimum 4 years Post Qualification Experience in Server Administration</b> of which minimum 2 years of experience in OpenShift Administration in Banking and Fintech Domains</p>

**5. Server Administrator: b) Solaris / Linux Administrator (Scale III / II)**

Position	Solaris and Linux Administrator ( Scale III/II )
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Management and administration of Red Hat Enterprise Linux servers.</li> <li>• Writing various shell scripts like Bash, sh, ksh etc.</li> <li>• Performing backup and restoration of Servers and Offline Repository.</li> <li>• Extensively working on patch and package management, creation and maintenance of offline repositories.</li> <li>• User Access control and credential management, integration with IAM etc.</li> <li>• Enable and run various Security tests on the servers, Hardening of the Servers.</li> <li>• Work closely with various teams to assess code quality, source code management, code build, and deployment processes</li> </ul>



	<ul style="list-style-type: none"> <li>• Implement of various Hardware infrastructure on different architecture like x86, ppc64, sparc64, s390x etc.</li> <li>• Management of Tape Library and Storage Systems</li> </ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Manage and administer Solaris / Red Hat Enterprise Linux (RHEL)</li> <li>• Manage user accounts, permissions and access controls.</li> <li>• Good knowledge on the Solaris / Linux OS and Solaris / Linux commands for daily tasks.</li> <li>• Should profess proficiency on observability stack and Monitoring systems</li> <li>• Administer disk storage, partitions, and file systems.</li> <li>• Utilize package management tools (YUM and RPM) for software installation and updates.</li> <li>• Resolve dependencies and troubleshoot package-related issues.</li> <li>• Implement and maintain security policies and practices.</li> <li>• Perform regular system checks and apply patches to ensure system integrity.</li> <li>• Troubleshoot network settings, including IP addressing and routing.</li> <li>• Good knowledge of Shell Scripting – should be able to write and maintain shell scripts for automation, tasks or job scheduling</li> <li>• Develop and execute backup strategies using tools like rsync and tar.</li> <li>• Recovery of data in case of data loss or fresh installations.</li> <li>• Maintenance, Configuration and reconfiguration of Tape Library, Storage and SAN Switches.</li> </ul>
<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / MCA from Government recognized university or institution only. (Qualification to be Full time and Regular Courses only).</p> <p><b>Preferred Certifications (non-mandatory):</b> Red Hat certified Enterprise Linux Systems Administrator, Linux Foundations certified sysadmin</p>
<b>Experience</b>	<p><b>Scale III</b></p> <p><b>Minimum 6 years Post Qualification Experience in Server Administration</b> of which minimum 4 years of experience in infrastructure provisioning and management preferably in Banking or Fintech domains</p> <p><b>Scale II</b></p> <p><b>Minimum 4 years Post Qualification Experience in Server Administration</b> of which minimum 2 years of experience in infrastructure provisioning, administration and management preferably in Banking or Fintech domains</p>

#### **6. NW Administrator: a) Network Architect/Administrator/Engineer (Scale III/II)**

<b>Position</b>	<b>Network Architect/Administrator/Engineer (Scale III/II)</b>
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Maintaining Network and Network Equipment</li> <li>• Network Monitoring and trouble-shooting, Adding Network Equipment's to Network, anticipating requirements and making changes to keep the organization secure.</li> <li>• Routing and switching.</li> <li>• In routing using Border Gateway Protocol (BGP).</li> <li>• Drawing up specifications for procurement of Network devices including routers Implementation of Network Admission Control (NAC), Network Troubleshooting, Network Protocols, Routers, Network Administration, Any other work entrusted by the Bank from time to time. The above roles &amp; responsibilities are indicative and Bank at its own discretion may assign KRAs or other roles as per business need.</li> <li>• Work with L3 support team / vendors for permanent resolution and temporary workaround of core product issues and code changes</li> <li>• Build knowledge and technical capabilities in banking systems</li> <li>• Coordinate and participate in issue resolution calls/meetings etc. as required for effective resolution of the issue.</li> <li>• Network Architecture, Infrastructure Administration and Management, Routing, NW Components such</li> </ul>



	<p>switches, routers and security devices such as WAF, LB, IPS, IDS etc., with focus on Network Security and Compliance</p> <ul style="list-style-type: none"> <li>• Logging &amp; Monitoring</li> <li>• Data Center Network Management.</li> <li>• Security and compliance from the perspective of Network</li> <li>• Network and Security Devices Administration and Management including but not limited to NW Components such switches, routers and security devices such as WAF, LB, IPS, IDS etc.</li> <li>• Participation in various internal / external audits specific to Network</li> <li>• Patching, System hardening and Vulnerabilities redressal etc.</li> </ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Network Architecture, Infrastructure Administration and Management, Routing, NW Components such switches, routers and security devices such as WAF, LB, IPS, IDS etc., with focus on Network Security and Compliance</li> <li>• Logging &amp; Monitoring</li> <li>• Data Center Network Management</li> <li>• Router, Switch &amp; Firewall installation, maintenance, upgrade management and administration.</li> <li>• Citrix/Array/Radware Load balancer installation, maintenance, upgrade management and administration.</li> <li>• CISCO ACI &amp; Titration installation &amp; maintenance, configuration, upgrade management, administration and management.</li> <li>• Proactive management and maintenance of security postures of all the above components.</li> <li>• Knowledge of installation, maintenance, upgrade management and administration of CISCO, Palo Alto, Checkpoint or any other available OEM's Firewalls.</li> <li>• Knowledge of administration and management of AST Routers, Nexus Switches, Load Balancer.</li> <li>• Proactive Management and maintenance of security postures of all the above components.</li> <li>• CISCO Router switch and Firewall Installation, Configuration, Administration and Management.</li> <li>• Palo Alto Firewall installation, configuration, administration and management.</li> </ul>
<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / MCA from Government recognized university or institution only. (Qualification to be Full time and Regular Courses only). (the Qualification to be Full time and Regular Courses only)</p> <p><b>Scale III</b></p> <p><b>Mandatory Certifications (Any one of the below):</b>  CCNA • Cisco CCNP Security • Cisco CCIE Security • Juniper JNCIP SEC • Juniper JNCIE SEC • Palo Alto Networks Certified Network Security Administrator (PCNSA) • Palo Alto Networks Certified Network Security Engineer (PCNSE) • Fortinet NSE 4 • Fortinet NSE 5 • Fortinet NSE 6 • Fortinet NSE 7 • Fortinet NSE 8 • Certified McAfee Security Specialist • Tipping Point (Trend Micro) Certified Professional • Check Point Certified Security Expert (CCSE) R80.x, • Check Point Certified Security Master (CCSM) R80.x</p> <p><b>Preferred Certifications (non-mandatory):</b> CISA, CISSP, CISM, CEH, CHFI, CSX</p> <p><b>Scale II</b></p> <p><b>Mandatory Certifications (Any one of the below):</b>  CCNA • Cisco CCNP Security</p> <p><b>Preferred Certifications (non-mandatory):</b> Cisco CCIE Security • Juniper JNCIP SEC • Juniper JNCIE SEC • Palo Alto Networks Certified Network Security Administrator (PCNSA) • Palo Alto Networks Certified Network Security Engineer (PCNSE) • Fortinet NSE 4 • Fortinet NSE 5 • Fortinet NSE 6 • Fortinet NSE 7 • Fortinet NSE 8 • Certified McAfee Security Specialist • Tipping Point (Trend Micro) Certified Professional • Check Point Certified Security Expert (CCSE) R80.x, • Check Point Certified Security Master (CCSM) R80.x</p>

<b>Experience</b>	<p><b>Scale III</b>  <b>Minimum 6 years Post Qualification Experience in Network Administration</b> of which minimum 4 year's experience in managing Network Security / Administration preferably in Banking and fintech Domains.</p> <p><b>Scale II</b>  <b>Minimum 4 years Post Qualification Experience in Network Administration</b> of which minimum 2 years of experience in Network Security / Administration preferably in Banking and fintech Domains.</p>
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**6. NW Administrator: b) Network Security**

Position	Network Security (Scale III/II )
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Maintaining Network and Network Equipment's</li> <li>• Network Monitoring and trouble-shooting, Adding Network Equipment's to Network, anticipating requirements and making changes to keep the organization secure.</li> <li>• Routing and switching. <ul style="list-style-type: none"> <li>i. In routing using Border Gateway Protocol (BGP).</li> <li>ii. Drawing up specifications for procurement of Network devices including routers Implementation of Network Admission Control (NAC), Network Troubleshooting, Network Protocols, Routers, Network Administration,</li> <li>iii. Any other work entrusted by the Bank from time to time. The above roles &amp; responsibilities are indicative and Bank at its own discretion may assign KRAs or other roles as per business need.</li> </ul> </li> <li>• Work with L3 support team / vendors for permanent resolution and temporary workaround of core product issues and code changes</li> <li>• Build knowledge and technical capabilities in banking systems</li> <li>• Coordinate and participate in issue resolution calls/meetings etc. as required for effective resolution of the issue.</li> <li>• Network Architecture, Infrastructure Administration and Management, Routing, NW Components such as switches, routers and security devices such as WAF, LB, IPS, IDS etc., with focus on Network Security and Compliance • Logging &amp; Monitoring • Data Center Network Management.</li> <li>• Security and compliance from the perspective of Network</li> <li>• Network and Security Devices Administration and Management including but not limited to NW Components such switches, routers and security devices such as WAF, LB, IPS, IDS etc.</li> <li>• Participation in various internal / external audits specific to Network</li> <li>• Patching, System hardening and Vulnerabilities redressal etc.</li> </ul> <p>The above roles &amp; responsibilities are indicative and Bank at its own discretion may assign KRAs or other roles as per business need.</p>

<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Network Architecture, Infrastructure Administration and Management, Routing, NW Components such switches, routers and security devices such as WAF, LB, IPs, IDS etc., with focus on Network Security and Compliance</li> <li>• Logging &amp; Monitoring</li> <li>• Data Center Network Management</li> <li>• Router, Switch &amp; Firewall installation, maintenance, upgrade management and administration.</li> <li>• Citrix/Array/Radware Load balancer installation, maintenance, upgrade management and administration.</li> <li>• CISCO ACI &amp; Titration installation &amp; maintenance, configuration, upgrade management, administration and management.</li> <li>• Proactive management and maintenance of security postures of all the above components.</li> <li>• Knowledge of installation, maintenance, upgrade management and administration of CISCO, Palo Alto, Checkpoint or any other available OEM's Firewalls.</li> <li>• Knowledge of administration and management of AST Routers, Nexus Switched, Load Balancer.</li> <li>• Proactive Management and maintenance of security postures of all the above components.</li> <li>• CISCO Router switch and Firewall Installation, Configuration, Administration and Management.</li> <li>• Palo Alto Firewall installation, configuration, administration and management.</li> </ul>
<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / MCA / from Government recognized university or institution only. (Qualification to be Full time and Regular Courses only). (the Qualification to be Full time and Regular Courses only)</p> <p><b>Scale III</b></p> <p><b>Mandatory Certifications (Any one of the below):</b>  CCNA • Cisco CCNP Security • Cisco CCIE Security • Juniper JNCIP SEC • Juniper JNCIE SEC • Palo Alto Networks Certified Network Security Administrator (PCNSA) • Palo Alto Networks Certified Network Security Engineer (PCNSE) • Fortinet NSE 4 • Fortinet NSE 5 • Fortinet NSE 6 • Fortinet NSE 7 • Fortinet NSE 8 • Certified McAfee Security Specialist • Tipping Point (Trend Micro) Certified Professional • Check Point Certified Security Expert (CCSE) R80.x, • Check Point Certified Security Master (CCSM) R80.x</p> <p><b>Preferred Certifications (non-mandatory):</b> CISA, CISSP, CISM, CEH, CHFI, CSX</p> <p><b>Scale II</b></p> <p><b>Mandatory Certifications (Any one of the below):</b>  CCNA • Cisco CCNP Security</p> <p><b>Preferred Certifications (non-mandatory):</b> Cisco CCIE Security • Juniper JNCIP SEC • Juniper JNCIE SEC • Palo Alto Networks Certified Network Security Administrator (PCNSA) • Palo Alto Networks Certified Network Security Engineer (PCNSE) • Fortinet NSE 4 • Fortinet NSE 5 • Fortinet NSE 6 • Fortinet NSE 7 • Fortinet NSE 8 • Certified McAfee Security Specialist • Tipping Point (Trend Micro) Certified Professional • Check Point Certified Security Expert (CCSE) R80.x, • Check Point Certified Security Master (CCSM) R80.x</p>
<b>Experience</b>	<p><b>Scale III</b></p> <p><b>Minimum 6 years Post Qualification Experience in Network Administration</b> of which minimum 4 years of post-basic qualification experience in IT industry/ sector with experience in managing Network Security / Administration preferably in Banking and fintech Domains.</p> <p><b>Scale II</b></p> <p><b>Minimum 4 years Post Qualification Experience in Network Administration</b> of which minimum 2 years of experience Network Security / Administration preferably in Banking and fintech Domains.</p>

## 7. Database Administration: a) Database Administrator (DBA)-Mongo DB

Position	DBA- MongoDB ( Scale II )
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Database Administration: Install, configure, and maintain MongoDB database instances across development, test, and production environments.</li> <li>• Performance Tuning: Monitor and optimize database performance, identifying and resolving performance bottlenecks, and recommending necessary infrastructure or configuration changes.</li> <li>• Backup and Recovery: Implement robust backup and recovery strategies to ensure data integrity and minimize downtime in the event of system failures or disasters.</li> <li>• Security and Compliance: Implement and enforce security measures and access controls to protect sensitive data. Stay updated with the latest security patches and vulnerabilities, ensuring compliance with regulatory requirements.</li> <li>• High Availability and Replication: Set up and configure database replication, ensuring high availability and data redundancy.</li> <li>• Capacity Planning: Monitor database growth and plan for future capacity needs, making recommendations for hardware and infrastructure upgrades as necessary.</li> <li>• Database Design and Schema Management: Collaborate with development teams to optimize database design and schema, ensuring efficient data storage and retrieval.</li> <li>• Troubleshooting and Issue Resolution: Analyse and resolve database-related issues, collaborating with cross-functional teams, such as developers and system administrators, to identify and implement solutions.</li> <li>• Automation and Scripting: Develop and maintain scripts and automation tools to streamline database administration tasks and improve operational efficiency.</li> </ul>
<b>Job specificskills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Proven experience as a Database Administrator with a focus on MongoDB databases</li> <li>• Experience working in Linux-based environments</li> <li>• Ability to program using Python or Shell</li> <li>• Experience working on Nagios, Prometheus or Grafana</li> </ul>
<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>Preferred Certifications (non-mandatory):</b> MongoDB Certified Database Administrator</p>
<b>Experience</b>	<p>Minimum 4 years Post Qualification Experience in Database Administration of which minimum 2 years' of hands-on-experience in MongoDB / other NO Sql Databases in Banking and Fintech Domains</p>

## 7. Database Administration: b) Database Administrator (DBA)-Oracle

Position-2	DBA Oracle ( Scale III/II )
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Database Administration: Install, configure, and maintain Oracle database instances across development, test, and production environments.</li> <li>• Performance Tuning: Monitor and optimize database performance, identifying and resolving performance bottlenecks and recommending necessary infrastructure or configuration changes.</li> <li>• Backup and Recovery: Implement robust backup and recovery strategies to ensure data integrity and minimize downtime in the event of system failures or disasters.</li> <li>• Security and Compliance: Implement and enforce security measures and access controls to protect sensitive data. Stay updated with the latest security patches and vulnerabilities, ensuring compliance with regulatory requirements.</li> <li>• High Availability and Replication: Set up and configure database replication, ensuring high availability and data redundancy.</li> <li>• Capacity Planning: Monitor database growth and plan for future capacity needs, making recommendations for hardware and infrastructure upgrades as necessary.</li> <li>• Database Design and Schema Management: Collaborate with development teams to optimize database design and schema, ensuring efficient data storage and retrieval.</li> <li>• Troubleshooting and Issue Resolution: Analyze and resolve database-related issues, collaborating with cross-functional teams, such as developers and system administrators, to identify and implement solutions.</li> <li>• Automation and Scripting: Develop and maintain scripts and automation tools to streamline database administration tasks and improve operational efficiency.</li> </ul>
<b>Job specific skills</b>	<ul style="list-style-type: none"> <li>• Applicants should possess the following attributes:</li> <li>• Knowledge of Oracle database architecture, installation, configuration and maintenance.</li> <li>• Proficiency in writing scripts in SQL, python and Perl.</li> <li>• Experience with optimizing database performance. Troubleshooting issues and using tools like Oracle Enterprise Manager (OEM).</li> <li>• Familiarity with backup and recovery strategies, RMAN and data protection method.</li> <li>• Knowledge of data modeling, database design and normalization technique.</li> <li>• Experience with Oracle Real Application Clusters (RAC) and cluster management.</li> <li>• Familiarities with upgrading and migrating Oracle databases to new versions or platforms.</li> <li>• Familiarity with Oracle enterprise manager (OEM) for database monitoring, management and reporting.</li> <li>• Knowledge of Oracle data guard/ Active data guard and disaster recovery strategies.</li> <li>• Understanding of database storage management including disk storage, memory, I/O utilization.</li> <li>• Familiarities with Oracle database options and features such as partitioning, OLAP, and spatial.</li> <li>• Knowledge of Goldengate/CDC.</li> </ul>
<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>Mandatory Certifications(Scale-III):</b> Oracle - OCA/OCP  <b>Preferred Certifications(Scale-II) (non-mandatory):</b> Oracle – OCA/OCP</p>
<b>Experience</b>	<p><b>Scale III</b>  <b>Minimum 6 years Post Qualification</b> Experience in Database Administration of which minimum 4 years of experience in Oracle Database administration working in Linux-based environments for large platforms, preferably in banking or fintech domain</p> <p><b>Scale II</b>  <b>Minimum 4 years Post Qualification Experience in</b> Database Administration of which minimum 2 years of experience in Oracle Database administration working in Linux-based environments for large platforms, preferably in banking or fintech domain</p>

## 8. Data & Analytics: a) Data Engineer/ Analyst

Position	<b>Data Engineer/ Analyst ( Scale IV/III/II)</b>
<b>Role &amp; Responsibilities</b>	<p>Design, develop, optimize, and maintain data architecture and pipelines that adhere to ETL principles and business goals</p> <ul style="list-style-type: none"> <li>• Work closely with Data Scientists, designers, product owners, QA engineers and other stakeholders in the Data ecosystem of the organization.</li> <li>• Create data products for analytics and data scientist team members to improve their productivity</li> <li>• Partner with business analysts and solutions architects to develop technical architectures for strategic enterprise projects</li> <li>• Develop solutions to utilize data from large banking systems like CBS, LOS, LMS, Payment Systems, Data Warehouse etc.</li> </ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <p>Should have proficient understanding of databases such as Relational(SQL), distributed (NoSQL) and ETL tools like DataStage etc.</p> <ul style="list-style-type: none"> <li>• Deep understanding of data architecture, data pipelining, data engineering, data analysis, reporting, and a basic understanding of data science techniques and workflows.</li> <li>• Should be proficient in ETL tools / technologies and have experience in developing ETL data pipelines for onward usage for building Data Models.</li> <li>• Demonstrate strong problem-solving skills, work as part of a technical, cross functional analytics team, and want to solve complex data problems and deliver the insights to enable analytics strategy</li> <li>• Certification - Any professional data engineering certification from reputed Institutes or Professional bodies will be added advantage.</li> <li>• Good to have exposure on the AGILE methodologies</li> <li>• Good understanding of Data Pipeline building eg. Pyspark &amp; Hadoop ecosystem (Hive, HDFS, Scala).</li> </ul>
<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / Data Science / MCA from Government recognized university or institution only. Masters degree in Statistics/Economics/Related fields preferred (the Qualification to be Full time and Regular Courses only)</p> <p><b>Mandatory Certifications (Scale IV):</b> Specialization certifications from reputed Institutes in AI/ML/NLP/Web crawling, Neural Networks, Data Science, Data Analytics.</p> <p>Preferred Certifications(Scale III/II): Specialization certifications from reputed Institutes in AI/ML/NLP/Web crawling, Neural Networks, Data Science, Data Analytics is desired.</p>
<b>Experience</b>	<p><b>Scale IV</b></p> <p><b>Minimum 8 years Post Qualification</b> Experience in building and maintaining data pipelines, ETL/ELT workflows and handling big data systems, designing and developing complex, high-quality analytical solutions (model designing, development, validation, implementation) of which minimum 6 years of experience banking or fintech domain</p> <p><b>Scale III</b></p> <p><b>Minimum 6 years Post Qualification Experience</b> in building and maintaining data pipelines, ETL/ELT workflows and handling big data systems of which minimum 4 years of experience in building and maintaining data pipelines, ETL/ELT workflows and handling big data systems in banking or fintech domain</p> <p><b>Scale II</b></p> <p><b>Minimum 4 years Post Qualification</b> experience in building and maintaining data pipelines, ETL/ELT workflows and handling big data systems of which minimum 2 years of experience in banking or fintech domain</p>



## 8. Data & Analytics: b) Data Scientist

Position	<b>Data Scientist ( Scale III/II )</b>
<b>Role &amp; Responsibilities</b>	<p>Develop and maintain analytical models using expertise in next generation capabilities like AI/ML, Data mining, Data analytics</p> <ul style="list-style-type: none"> <li>• Collaborate with business partners to define the technical problem statement and hypothesis to test; develop efficient and accurate analytical models that mimic business decisions and incorporate them into analytical data products</li> <li>• Create repeatable, interpretable, dynamic and scalable models that are seamlessly incorporated into analytic data products</li> <li>• Leverage data from banking systems like CBS, LOS, payment Systems etc. to create meaningful analytical models for customer behavior prediction, selling lending products, risks assessments etc.</li> </ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <p>Experience developing models using structured &amp; unstructured data</p> <ul style="list-style-type: none"> <li>• Experience in developing and deploying statistical algorithms, machine learning, deep learning (RNN, CNN), NLP solutions,</li> <li>• Must have proficiency with SPSS, Python or R, SQL, DB2, Cognos, Tableau etc.</li> <li>• Must have proficiency with Machine Learning to solve clustering, classification, regression, anomaly detection, fraud analytics, propensity models, simulation and optimization problems on large scale data sets</li> <li>• Experience with Big Data technologies desired — Hadoop, Spark, H2O.ai, Cloud AI platforms, containerization</li> <li>• Experience in Natural Language Processing, Image processing and Video Analytics is a plus</li> <li>• Understanding of Time Series Forecasting, Batch/Real time analytics and model deployment understanding, Data Fabrics, Data Mesh etc.</li> <li>• Responsible for development of a culture of continual improvement, including delivering new innovative Data science/analytics use cases, e.g. predictive analytics</li> <li>• Experience with deployment, monitoring and maintenance of models</li> <li>• Experience with data visualization tools - Tableau, etc.</li> <li>• Certifications – Any professional data science certification preferred</li> <li>• Good to have exposure on the AGILE methodologies</li> </ul>
<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / Data Science/ MCA from Government recognized university or institution only. Masters degree in Statistics/Economics/Related fields preferred. (the Qualification to be Full time and Regular Courses only)</p> <p><b>Preferred Certifications (Scale III and Scale II) (non-mandatory):</b> Specialization certifications from reputed Institutes in AI/ML/NLP/Web crawling, Neural Networks, Data Science, Data Analytics is desired.</p>
<b>Experience</b>	<p><b>Scale III</b></p> <p><b>Minimum 6 years Post Qualification</b></p> <p>Experience in in designing and developing complex, high-quality analytical solutions (model designing, development, validation, implementation) of which minimum 4 years of experience banking or fintech domain</p> <p><b>Scale II</b></p> <p><b>Minimum 4 years Post Qualification</b> Experience in in designing and developing complex, high-quality analytical solutions (model development, validation, implementation) of which minimum 2 years of experience banking or fintech domain</p>

## 8. Data & Analytics: c) Data-Architect/Cloud Architect/Designer/Modeler

Position	<b>Data-Architect/Cloud Architect/Designer/Modeler ( Scale IV/III/II )</b>
<b>Role &amp; Responsibilities</b>	<p><b><u>Data Architect/ Designer/ Modeler</u></b></p> <ul style="list-style-type: none"> <li>• Define enterprise architecture standards (data standards, integration standards, application standards etc.) for all technology projects in the Organization</li> <li>• Design and Model new data warehouse, data lake or lake house using modern data stacks</li> <li>• Define &amp; implement key governance processes to ensure adherence to architecture standards and principles</li> <li>• Provide architectural leadership in the resolutions of inter-program and inter-project issues</li> <li>• Ensure all systems are architected for high availability, high scalability, fault tolerance, high security and other key architecture principles</li> <li>• Ensure the architecture team facilitates technology governance and management for all systems, including impact analysis and risk</li> <li>• identification for transformation and implementation programs</li> <li>• Update and maintain key enterprise architecture artefacts and blueprints</li> <li>• Align the technology and platforms to the business strategy or commercial imperatives and articulate associated opportunities, gaps, challenges, and risks</li> <li>• Review ongoing implementation programs for adherence with architecture standards and guidelines of the Bank</li> <li>• Creating methods for compliance architecture, such as data storage, metadata management, and change control</li> <li>• Document IT standards and procedures, including security protocols and disaster recovery plans</li> </ul> <p><b><u>Data - Cloud Architect/Engineer</u></b></p> <ul style="list-style-type: none"> <li>• Build reference architecture for VMware cloud (VMC) on AWS and Azure</li> <li>• Architect, Engineer &amp; Design forward looking architectures for VMC and the clouds that VMC integrate with</li> <li>• Implement and manage forward looking cloud infrastructure solutions</li> <li>• Identify business requirement and drive automation for Cloud adoption</li> <li>• Monitor and trouble shoot performance, security, availability of the cloud environment by identifying the issues and resolving proactively</li> <li>• Collaborate with cross-functional teams to assess cloud requirements and develop cloud based solutions to meet the business requirements</li> <li>• Optimize resource utilization and capacity planning to ensure cloud environment stability and cost-effectiveness</li> <li>• Architect, design, implement and maintain security of the cloud environment to ensure integrity and confidentiality of the data hosted in the cloud</li> <li>• Design and implement solutions for regular system backups, disaster recovery, planning and testing to ensure system continuity</li> <li>• Define governance for enterprise platforms hosted in multiple public and private cloud environments</li> <li>• Provide enterprise architecture direction to cloud platform and engineering teams</li> <li>• Plan and execute migration of large platforms and data from on-premises infrastructure to cloud</li> <li>• Architect solutions by leveraging a combination of cloud native services, server less architecture, managed cloud services and containerized deployments into cloud</li> <li>• Design and implement data architecture, data integration and data management best practices in considering data ingress/egress for multiple public cloud, private cloud, and on-premises</li> <li>• Drive cloud adoption through the creation of an enterprise cloud framework and automation roadmap</li> <li>• Define and implement appropriate regulatory, security, architecture and administration controls for cloud data, application, and network security</li> <li>• Monitor and optimize cloud hosting cost through well-defined FinOps practices integrated with cloud development</li> </ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <p><b><u>Data Architect/ Designer/ Modeler</u></b></p>

- Hands on experience of designing and developing enterprise architecture for large organizations, preferably in banking and fintech domain
- Demonstrated experience of defining enterprise architecture strategy and vision, governance process and ensuring compliance
- Strong understanding of architecture, design, and integrations of data warehouse, data lake
- Integration platforms, payment platforms etc.
- Strong knowledge of enterprise architecture and design, including architecture frameworks such as TOGAF (preferred)
- Strong knowledge and hands on development experience of REST APIs and micro services
- Strong experience of IT infrastructure and networking for internal and internet facing platforms
- Exposure to complex, distributed technologies, application servers, Messaging, Data transformation, ETL, Monitoring tools
- Experience of implementing large-scale cloud or software projects in corporate environments using waterfall and Agile methodologies
- Exposure to technology landscape in banking and financial services
- Ability to drive decisions and resolve conflicts by working with other architects, engineering teams, vendors, and business owners
- Excellent stakeholder management and communication skills

#### **Data - Cloud Architect/Engineer**

- Demonstrated experience in architecting large scale multi cloud solutions for enterprise platforms, preferably banking systems (CBS, LOS, Digital banking platform etc.) or fintech systems (payments etc.)
- Strong experience of orchestration of infrastructure components like (cloud servers, load balancers, storage, databases, network gateways, security, monitoring etc.), cloud native services, cloud managed services, serverless compute services etc. to develop elastic and highly available cloud solutions
- Strong understanding of IaaS, PaaS, SaaS along with Private, Public and Hybrid Cloud technologies
- Expertise in architecting large cloud solutions in one or more of AWS, GCP, Azure, IBM or Oracle clouds spanning variety of services including compute, storage, network, storage, databases, event streaming, serverless compute, object storage, container-as-a-service etc.
- Exposure to AWS Services (EC2, S3, Route 53, ELB, VPC, Cloud trail, IAM, AWS config, cloud watch Lambda) via CLI and API within a multi account production environment
- Strong experience of large-scale migrations from on-premises data centers to public cloud providers such as AWS, GCP, Azure etc., including application rationalization and redesigning for cloud
- Expertise in CloudOps (provisioning, administration, deployments) and FinOps (cloud cost monitoring and optimization) using native, or 3rd party best in industry tools
  - Strong knowledge of network topologies, network gateway devices (ingress/egress), firewalls, security groups and other cloud security best practices
  - Hands on experience in micro services, cloud native application development, Docker, Kubernetes, Cloud Foundry, OpenShift etc.
  - Ability to work in large engineering teams, vendor teams and architects
  - Ability to learn new services and cloud platforms

<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / Data Science/ MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>Scale IV</b></p> <p><b>Mandatory Certifications - <u>Data Architect/ Designer/ Modeler</u> (Scale IV):</b> Specialization certifications from reputed Institutes in Certified Data Management Professional / TOGAF / AWS Certified Solution Architect / Microsoft Certified Solution Architect</p> <p><b>Mandatory Certifications - <u>Data - Cloud Architect/Engineer</u> (Scale IV):</b> Professional Cloud Architect</p> <p><b>Scale III/II</b></p> <p><b>Preferred Certifications (non-mandatory):</b> Specialization certifications from reputed Institutes in Certified Data Management Professional / TOGAF / AWS Certified Solution Architect / Microsoft Certified Solution Architect</p>
<b>Experience</b>	<p><b>Scale IV</b></p> <p><b>Minimum 8 years Post Qualification</b> Experience in DBMS, Data Modeling Techniques, ETL/ELT, Data Warehousing and Big Data Technologies, Data Governance &amp; Security of which minimum 6 years of experience banking or fintech domain or in Retail segment</p> <p><b>Scale III</b></p> <p><b>Minimum 6 years Post Qualification</b> Experience in DBMS, Data Modeling Techniques, ETL/ELT, Data Warehousing and Big Data Technologies, Data Governance &amp; Security of which minimum 4 years of experience banking or fintech domain or in Retail segment</p> <p><b>Scale II</b></p> <p><b>Minimum 4 years Post Qualification</b> Experience in DBMS, Data Modeling Techniques, ETL/ELT, Data Warehousing and Big Data Technologies, Data Governance &amp; Security of which minimum 2 years of experience banking or fintech domain or in Retail segment</p>

## 8. Data & Analytics: d) ML Ops Engineer

Position	<b>ML Ops Engineer (Scale II)</b>
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Partner with developers, Architects and Data Scientists to understand the Dev/MLOPs challenges and lead to the best solution.</li> <li>• Works independently to construct highly efficient, secured and measurable MLOps and DevOps Process</li> <li>• Build processes supporting data transformation, data structures, metadata, dependency and workload management.</li> <li>• Writing Unix script and TWS schedulers for code executions</li> <li>• Deploy sophisticated analytics programs, Machine Learning Model using DevOps Pipeline.</li> <li>• Industry experience building distributed, serverless and microservice architectures</li> <li>• Present complex information and data in an uncomplicated, easy-to-understand way to drive action</li> <li>• Keep yourself aware with latest trend in cloud Dev/MLOps technologies to build next generation DevOps process</li> <li>• Learn and contribute in building the required data pipeline for Analytics and Model</li> <li>• Bring on a growth mindset in day-to-day engineering activities and learn new technologies and tools that bring about individual and team efficiencies</li> <li>• Contribute to existing documentation or educational content and adapt content based on product/program updates and user feedback</li> </ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Experience in model versioning, model and data lineage, monitoring, model hosting and deployment, model optimization, scalability, orchestration, continuous learning, Automated pipelines</li> <li>• 1-2 years of hands on experience in building/troubleshooting data pipelines</li> <li>• Strong experience with python programming with multiple projects</li> <li>• Develop &amp; manage continuous integration (CI) and continuous deployment (CD) environments deployments (Jenkins, Git hub action, etc.)</li> <li>• Ability to build and implement continuous integration (CI) and continuous deployment (CD) environments using tools such as Jenkins or similar</li> <li>• Ability to troubleshooting network services and protocols such as TCP/IP, DNS, AD, LDAP, SSH, SMTP, SSL, HTTP, IIS and Apache</li> <li>• Should be proficient in AWS components such as Sage maker, AWS Lambda, other AWS services, serverless services, etc.</li> <li>• Experience in using Kubeflow Pipelines for building, deploying, and managing multi-step ML workflows based on Docker containers, KFServing.</li> <li>• Experience with Docker and Kubernetes.</li> <li>• Experience with ML automation platforms such as Kubeflow, Airflow or MLFlow</li> <li>• Excellent verbal and written communication skills with the ability to effectively advocate technical solutions to data scientists, engineering teams and business audiences <ul style="list-style-type: none"> <li>▪ Experience with search engines like Elasticsearch</li> <li>▪ Experience with event messaging such as Kafka, RabbitMQ, SQS</li> <li>▪ Experience in MLOps (MLOps Self-Service Platform, Data drift detection &amp; model retraining, Dataset versioning, Source code management</li> </ul> </li> <li>– CI/CD, Dev-Prod, Productionalization framework of the ML models, preferably with Azure ML).</li> <li>Experience developing new components in a scrum/agile environment</li> </ul>

<b>Education Qualification</b>	B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics & Telecommunications / Electronics & Communications / Data Science/ MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)
<b>Experience</b>	<p><b>Scale II</b></p> <p><b>Minimum 4 years Post Qualification with</b> Experience in analytical model development, monitoring and maintenance version control, CI/CD pipeline and automation</p> <p><b>Preferred Background:</b> 2+ years of experience in designing and developing complex, high-quality analytical solutions in banking or Fintech domain</p>

**9. Gen AI Expert: a) Gen AI Experts (Large Language Model)**

<b>Position</b>	<b>Gen AI Experts (Large Language Model) ( Scale III/II )</b>
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Architect end to end generative AI solutions with a focus on LLMs and RAG workflows</li> <li>• Provide technical leadership and guidance on best practices for training LLMs and implementing RAG-based solutions</li> <li>• Fine-tune a large language model using custom content (documents, data etc.)</li> <li>• Articulate and document the solutions architecture and lessons learned for each exploration and accelerated incubation</li> <li>• Design and build robust data pipeline for processing and integrating text-based data</li> <li>• Validate cloud infrastructure security, performance and availability andmake recommendations for improvements and optimization</li> <li>• Ensure backups are enabled and validate business continuity throughrestoration drills</li> <li>• Monitor costs by categorizing and tagging assets running in the cloud</li> <li>• Optimize costs by rightsizing infrastructure, shutting down unused infrastructure, using latest generation of compute and database servers etc.</li> </ul>



<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• In-depth understanding of state-of-the-art language models, including but not limited to Generative Pre-trained Transformer (GPT-3), Bidirectional Encoder Representations from Transformers (BERT), or similar architectures</li> <li>• Expertise in training and fine tuning LLMs using popular frameworks such as Tensorflow, Pytorch, or Hugging Face Transformers</li> <li>• Proficiency in model deployment and optimization techniques for efficient inference on various hardware platforms with a focus on GPUs</li> <li>• Strong knowledge of GPU cluster architecture and the ability to leverage parallel processing for accelerated model training and inference</li> <li>• Experience in deploying LLM model in cloud environment (e.g. AWS, Azure, GCP) and on premise infrastructure</li> <li>• Proven ability to optimize LLM model for inference, memory efficiency and utilization</li> <li>• Experience with popular large language models API and use-cases such as ChatGPT, MPT, LLaMA, PaLM 2, etc</li> <li>• Familiarity with containerization technologies (e.g. Docker) and orchestration tools (e.g. Kubernetes) for scalable and efficient model deployment</li> <li>• Deep understanding of GPU cluster architecture, parallel computing and distributed computing concepts</li> <li>• Experience in fine-tuning a large language model using custom content (documents, data, code)</li> <li>• Ability to learn new services and cloud platforms</li> </ul>
<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / Data Science/ MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>Preferred Certification (non-mandatory):</b> Gen AI, LLM Model, Deep Learning, Architect certification in AWS, GCP Azure, IBM</p>
<b>Experience</b>	<p><b>Scale III</b></p> <p>Minimum 6 years Post Qualification with Experience in neural networks models , CNNs, RNNs,LSTM, NLP, Transformers and related technologies</p> <p><b>Preferred Background:</b> 4+ years of experience in building and deploying Gen AI model on multiple public cloud platforms like AWS, Azure, GCPetc., preferably for banking or fintech Domains</p> <p><b>Scale II</b></p> <p>Minimum 4 years Post Qualification with Experience in neural networks models , CNNs, RNNs,LSTM, NLP, Transformers and related technologies</p> <p><b>Preferred Background:</b> 2+ years of experience in building and deploying Gen AI model on multiple public cloud platforms like AWS, Azure, GCPetc., preferably for banking or fintech Domains</p>

## 10. IT Security: a) IT SOC Analyst

Position	IT SOC Analyst ( <u>Scale III/II</u> )
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Responsible for SOC transformation by leading efforts for automating routine L1/L2 activities such as alert triage, context and enrichment, live threat feeds, incident response etc.</li> <li>• Responsible for managing end to end SOC infrastructure including installation, integration, provisioning, de-provisioning of SOC Infra</li> <li>• Devising security Monitoring and Analytics automation strategy and Identifying processes that can be automated and orchestrated to ensure maximum SOC efficiency and effectiveness.</li> <li>• Statistical analysis of users and entities to help detect anomalies of users, network, host and content.</li> <li>• Threat intelligence activities and automating it for SOC monitoring tools consumption.</li> <li>• Closely work with IT departments, Threat Intelligence, incident management and Forensics teams to understand, define, develop, and integrate automation and orchestration capabilities.</li> <li>• Managing creation and optimization of security incident playbooks reviewing and validating new Use Cases.</li> <li>• Measurable reduction in Mean Time To Detect (MTTD) and Mean Time To Respond (MTTR) for security incidents.</li> <li>• Designing security analytics use cases, Research and Development of emerging threats and technologies, threat intelligence collection etc.</li> <li>• Conducting Red Teaming, Threat Hunting &amp; Cyber Drill exercise on regular basis</li> <li>• Implementation of new security solutions as per requirement and industry trends</li> </ul>
<b>Job specific skills</b>	<p><b>A Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Experience in Monitoring and Analytics automation strategy processes</li> <li>• Technical knowledge of SOC infrastructure including installation, integration, provisioning, de-provisioning of SOC Infra and other platforms.</li> <li>• Knowledge of all aspects of IT and Cloud security including identity and access management, organizational policies, network controls and cryptography for application, network, infrastructure and data security</li> <li>• Understanding of securing Kubernetes, containerization workloads, industry compliance, and security standards (e.g., PCI DSS, ISO 27001, SOC1 and 2)</li> <li>• Ability to advise and deliver strategic outcomes</li> <li>• Excellent communication skills to provide technical support and guidance to end-users.</li> </ul>
<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>FOR SCALE III</b></p> <p><b>Mandatory certifications (any one of the below):</b> CISA / CISSP / CISM / CRISC / CEH / CCNA / CCNP certification</p> <p><b>FOR SCALE II</b></p> <p><b>Preferred Certifications ( non-mandatory):</b> CISA / CISSP / CISM / CRISC / CEH / CCNA / CCNP certification</p> <p>Applicants should have a basic understanding of the MITRE ATT&amp;CK framework, including its purpose and the different categories (tactics and techniques)</p>
<b>Experience</b>	<p><b>Scale III</b></p> <p><b>Minimum 6 years Post Qualification</b> experience in Infrastructure Management of which 4 years of experience in SOC operations / Ethical Hacking / Red Teaming / Threat Hunting / Digital Forensic Analysis etc.</p> <p><b>Scale II</b></p> <p><b>Minimum 4 years Post Qualification</b> experience in Infrastructure Management of which 2 years of experience in SOC operations / Ethical Hacking / Red Teaming / Threat Hunting / Digital Forensic Analysis etc.</p>

**10. IT Security: b) Cyber Security Analyst**

<b>Position</b>	<b><u>Cyber Security Analyst ( Scale IV/III/II )</u></b>
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"><li>• Define cloud security standards and best practices for infrastructure, application, network and data security of Bank’s cloud environments by closely working with CISO and other security and architecture experts</li><li>• Implement cyber resilience best practices working with Cloud Architect,Enterprise Architect, and other engineering teams</li><li>• Validate cloud infrastructure security and make recommendations for improvements and optimization</li><li>• Practice and assist in adopting secure cloud infrastructure with proper access controls, end-to-end encryption etc.</li><li>• Manage VPCs, security groups, IAM and other security controls for cloud systems and services</li><li>• Ensure cloud environments are compliant with industry standard regulations for security and reliability</li><li>• Identify and implement the top cloud security solutions to successfully meet the cloud cyber security needs of the Bank</li><li>• Review and provide guidance for infrastructure, application and data migration and movement in cloud systems</li><li>• Design and develop audit frameworks to detect, track and remediate non-compliant activities or resources</li><li>• Stay updated on the latest security and risk management principles</li></ul>

<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Strong experience of architecting secure cloud solutions in public clouds like AWS, GCP, Azure etc., preferably for large banking platforms like CBS, LOS, digital banking platform or fintech platforms like payment systems etc.</li> <li>• Strong experience with cyber-attack mitigation methods like network protocols/secure network design, web application security, security assessments testing, authentication/access control, applied security protocols, security monitoring detection, incident response/forensics etc.</li> <li>• Strong knowledge of all aspects of cloud security including identity and access management, organizational policies, network controls and cryptography for application, network, infrastructure and data security</li> <li>• Strong understanding of securing Kubernetes, containerization workloads, industry compliance, and security standards (e.g., PCI DSS, ISO 27001, SOC1 and 2)</li> <li>• Expertise in one or more cloud platforms like AWS, Azure, GCP, IBM, Oracle etc.</li> <li>• Hands on programming knowledge of languages such as Java, Python, Dot Net, NodeJS etc., micro-services development using Java, Spring Boot etc.</li> <li>• Expertise in integrating different cloud services across accounts and regions through identity-based policies or resource-based policies</li> <li>• Strong knowledge of injecting security in cloud development and infra provisioning using DevSecOps tools, risk management and compliance</li> <li>• Experience of engineering best practices for the full software development life cycle including coding standards, code reviews, sourcecontrol management, libraries building, build processes, testing, and operations</li> <li>• Ability to advise and deliver strategic outcomes <ul style="list-style-type: none"> <li>▪ Ability to learn new services and cloud platforms</li> <li>▪ Excellent communication, presentation, and problem-solving skills</li> </ul> </li> </ul>
<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>For Scale IV:</b>  <b>Mandatory certifications:</b> Cloud Security Specialist/Engineer certification on AWS/GCP/Azure /IBM /Oracle</p> <p><b>For Scale III:</b>  <b>Mandatory certifications:</b> Cloud Security Certification</p> <p><b>For Scale II:</b>  <b>Preferred Certification (non-mandatory):</b> Cloud Security Specialist/Engineer certification from AWS, GCP Azure, IBM or Oracle, CCSE, CCSP, GSCA, IISO 27001, CSA- CSM</p>
<b>Experience</b>	<p><b>Scale IV</b>  <b>Minimum 8 years Post Qualification</b> experience in Infrastructure Management of which 6 years of experience in architecting and managing security for cloud solutions in AWS, Azure, GCP etc., preferably for banking or fintech Domains</p> <p><b>Scale III</b>  <b>Minimum 6 years Post Qualification</b> experience in Infrastructure Management of which 4 years of experience in architecting and managing security for cloud solutions in AWS, Azure, GCP etc., preferably for banking or fintech Domains</p> <p><b>Scale II</b>  <b>Minimum 4 years Post Qualification</b> experience in Infrastructure Management of which 2 years of experience in architecting and managing security for cloud solutions in AWS, Azure, GCP etc., preferably for banking or fintech Domains</p>

## 11. IT Support-1 (IT Officers): a) IT Officers

Position	IT OFFICER (Scale III/II/I)
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Managing and maintaining the organization's IT infrastructure, including hardware, software, and networking systems.</li> <li>• Developing and implementing IT policies and procedures to ensure security, efficiency, and reliability.</li> <li>• Managing and providing end-to-end support for the bank's CBS and subsystems like ATMs, kiosks, UPI, mobile banking, internet banking, networking, etc.</li> <li>• Maintaining procedural documentation</li> <li>• Generating MIS reports.</li> <li>• Managing vendors and IT-related outsource tasks</li> <li>• Troubleshooting and resolving technical issues reported by users.</li> <li>• Installing and configuring software and hardware.</li> <li>• Managing data backups and disaster recovery plans.</li> <li>• Training users on how to use software and hardware systems.</li> <li>• Researching and evaluating new technologies and making recommendations for improvements.</li> <li>• Maintaining and updating IT inventory records.</li> <li>• Installing and configuring software and hardware.</li> <li>• Providing technical support to users, troubleshooting and resolving issues as they arise.</li> </ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Demonstrated experience of IT Project management, implementation and support etc.</li> <li>• Experience of working with multiple L1/L2/L3 teams and vendors</li> <li>• Experience of ticket triaging, assignment, troubleshooting by following SOPs and expediting resolution</li> <li>• Technically skilled with the ability to understand complex technical issues and participate in discussions with core engineering teams</li> <li>• Hands on knowledge of multiple programming languages including NodeJS, Python, PHP, Spring boot, Go, Ruby, .Net, C# and OOPS concepts and database queries (Oracle PL/SQL, PostgreSQL, MySQL, MongoDB etc.) preferred</li> <li>• Experience of application monitoring, log analysis, audit trail monitoring etc. for troubleshooting and debugging</li> <li>• Technical and functional knowledge of key banking applications like CBS, LOS, Mobile app, ESB, API gateway etc.</li> <li>• Strong problem solving, analytical and communication skills</li> <li>• Ability to work with large teams and coordinate with vendor teams, business stakeholders etc</li> </ul>
<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>Mandatory Certifications(Scale III -Any one of the below):</b>  ITIL, SAFe (Agile), Network Certifications, Database Certification, Microsoft Administration Certification, Programing / Testing /Scripting Certifications</p> <p><b>Preferred Certifications(Scale II and Scale I) (non-mandatory):</b> ITIL, SAFe (Agile), Network Certifications, Database Certification, Microsoft Administration Certification, Programing / Testing /Scripting Certifications</p>

<b>Experience</b>	<b>Scale III</b> <b>Minimum 6 years Post Qualification</b> experience in IT Project Management / Implementation / Support of which 4 years of experience in Software Development, maintenance and support for large platforms, preferably in banking or fintech domain
	<b>Scale II</b> <b>Minimum 4 years Post Qualification</b> experience in IT Project Management / Implementation / Support of which 2 years of experience in Software Development, maintenance and support for large platforms, preferably in banking or fintech domain
	<b>Scale I</b> <b>Minimum 2 years Post Qualification</b> experience in IT Project Management / Implementation / Support of which 1 year of experience in Software Development, maintenance and support for large platforms, preferably in banking or fintech domain

## 12. IT Support 2 (PS & APM): a) Production Support & Application Performance Monitoring

<b>Position</b>	<b>Production Support &amp; Application Performance Monitoring (Scale III/II/I)</b>
<b>Role &amp; Responsibilities</b>	<p><b>Production Support:</b></p> <ul style="list-style-type: none"> <li>• Handle production support activities like ticket triaging, resolving incidents and requests, application monitoring etc. in large banking systems like CBS, LOS, integration, mobile app etc.</li> <li>• Resolve tickets with root causing issues following SOPs</li> <li>• Monitor incident and request backlog, completion windows and meet SLA expectations</li> <li>• Improve documentation, SOPs and tools used by other engineers to resolve tickets</li> <li>• Automate repetitive activities to reduce resolution time and efforts</li> <li>• Monitor systems for availability, performance, errors etc. and conduct troubleshooting as required</li> <li>• Work with L3 support team / vendors for permanent resolution and temporary workaround of core product issues and code changes</li> <li>• Build knowledge and technical capabilities in banking systems</li> <li>• Coordinate and participate in issue resolution calls/meetings etc. as required for effective resolution of the issue.</li> </ul> <p><b>Application Performance Monitoring:</b></p> <ul style="list-style-type: none"> <li>• Extensive experience in observability tools E2E such as ELK, Prometheus, etc.</li> <li>• Experience in container integrated monitoring APM such as Appnomics or Dynatrace and deep level understanding and experience in SIEM tools.</li> </ul>
<b>Job specific skills</b>	<p><b>Production Support:</b></p> <p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Demonstrated experience of production support activities for large platforms, preferably banking systems like CBS, LOS, integration, mobile app etc.</li> <li>• Experience of working with multiple L1/L2/L3 teams and vendors</li> <li>• Experience of ticket triaging, assignment, troubleshooting by following SOPs and expediting resolution</li> <li>• Technically skilled with the ability to understand complex technical issues and participate in discussions with core engineering teams</li> <li>• Hands on experience in Java, J2EE, Spring or other MVC frameworks, Service Oriented Architectures and RESTFUL services</li> <li>• Hands on knowledge of multiple programming languages including NodeJS, Python, PHP, Spring boot, Go, Ruby, .Net, C# and OOPS concepts and database queries (Oracle PL/SQL, PostgreSQL, MySQL, MongoDB etc.) preferred</li> <li>• Experience of application monitoring, log analysis, audit trail monitoring etc. for troubleshooting and debugging</li> <li>• Technical and functional knowledge of key banking applications like CBS, LOS, Mobile app, ESB,</li> </ul>



	<p>API gateway etc.</p> <ul style="list-style-type: none"> <li>• Strong problem solving, analytical and communication skills</li> <li>• Ability to work with large teams and coordinate with vendor teams, business stakeholders etc.</li> <li>• Experience with ITSM tools and ITIL processes</li> </ul> <p><b>Application Performance Monitoring:</b></p> <p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Proficiency in monitoring and logging tools such as Prometheus, Grafana, ELK Stack, and Dynatrace.</li> <li>• Certifications in Qlik products and proficiency in Qlik Sense, Qlik N, Printing, and report development.</li> </ul>
<p><b>Education Qualification</b></p>	<p>B.E./B.Tech. Degree in Computer Science/ Computer Science &amp; Engineering/ Information Technology/ Software Engineering/ Electronics &amp; Communications Engineering / Masters of Computer Applications / M. Tech. in Computer Science/ Information Technology/ Electronic &amp; Communications Engineering from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>Mandatory Certifications(Scale III -Any one of the below):</b> ITIL, SAFe (Agile), Network Certifications, Database Certification, Microsoft Administration Certification, RHEL Administration, Programing / Testing /Scripting Certifications, Ticketing tools, monitoring and logging tools (ELK Stack / Dynatrace / Qlik).</p> <p><b>Preferred Certifications(Scale II and Scale I) (non-mandatory):</b> ITIL, SAFe (Agile), Network Certifications, Database Certification, Microsoft Administration Certification, RHEL Administration, Programing / Testing /Scripting Certifications, Ticketing tools</p>
<p><b>Experience</b></p>	<p><b>Scale III</b></p> <p><b>Minimum 6 years Post Qualification</b> experience in IT Project Management / Implementation / Support of which 4 years of experience in monitoring and logging tools such as Prometheus, Grafana, ELK Stack, and Dynatrace. Certifications in Qlik products and proficiency in Qlik Sense, Qlik N, Printing and report development, software maintenance and support for large platforms, preferably in banking or fintech domain.</p> <p><b>Scale II</b></p> <p><b>Minimum 4 years Post Qualification</b> experience in IT Project Management / Implementation / Support of which 2 years of experience in monitoring and logging tools such as Prometheus, Grafana, ELK Stack, and Dynatrace. Certifications in Qlik products and proficiency in Qlik Sense, Qlik N, Printing and report development, software maintenance and support for large platforms, preferably in banking or fintech domain.</p> <p><b>Scale I</b></p> <p><b>Minimum 2 years Post Qualification</b> experience in IT Project Management / Implementation / Support of which 1 year of experience in monitoring and logging tools such as Prometheus, Grafana, ELK Stack, and Dynatrace. Certifications in Qlik products and proficiency in Qlik Sense, Qlik N, Printing and report development, software maintenance and support for large platforms, preferably in banking or fintech domain.</p>

### 13. IT Architect: a) Enterprise Architect

Position	Enterprise Architect ( Scale IV/III )
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Define enterprise architecture standards (data standards, integration standards, application standards etc.) for all technology projects in the organization</li> <li>• Define &amp; implement key governance processes to ensure adherence to architecture standards and principles</li> <li>• Provide architectural leadership in the resolutions of inter-program and inter-project issues</li> <li>• Review architecture and design of large systems like CBS, digital banking platform, digital lending platform etc. including integrations, transition roadmap, modernization etc.</li> <li>• Ensure all systems are architected for high availability, high scalability, fault tolerance, high security, and other key architecture principles</li> <li>• Ensure the architecture team facilitates technology governance and management for all systems, including impact analysis and risk identification for transformation and implementation programs</li> <li>• Update and maintain key enterprise architecture artefacts and blueprints</li> <li>• Conduct architecture reviews of key systems and integrations including CBS, Mobile app, payment platform etc.</li> <li>• Align the technology and platforms to the business strategy or commercial imperatives and articulate associated opportunities, gaps, challenges, and risks</li> <li>• Lead teams of architects, engineering, DevOps and design leads for critical discussions, product evaluations, vendor selections, architecture roadmap creation etc.</li> <li>• Review ongoing implementation programs for adherence with architecture standards and guidelines of the Bank</li> <li>• Creating methods for compliance architecture, such as data storage, metadata management, and change control</li> <li>• Document IT standards and procedures, including security protocols and disaster recovery plans</li> </ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Hands on experience of designing and developing enterprise architecture for large organizations, preferably in banking and fintech domain</li> <li>• Demonstrated experience of defining enterprise architecture strategy and vision, governance process and ensuring compliance</li> <li>• Strong understanding of architecture, design, and integrations of large banking systems like CBS, digital banking platforms, LOS, integration platforms, payment platforms etc.</li> <li>• Strong knowledge of enterprise architecture and design, including architecture frameworks such as TOGAF (preferred)</li> <li>• Technical knowledge of various front-end (react native, flutter, native android/IOS, angular, Cordova, react, HTML, CSS etc.,) and back-end technologies (Java, Spring boot, Node js etc.), containerization (Docker, Kubernetes etc.), integration (Kafka, API etc.), DevSecOps pipelines and other related frameworks</li> <li>• Strong knowledge and hands on development experience of REST APIs and micro-services</li> <li>• Strong experience developing standards-compliant applications using technologies such as HTML, CSS, JavaScript/jQuery, JSON, XML/XSL</li> <li>• Strong experience of IT infrastructure and networking for internal and internet facing platforms</li> <li>• Exposure to complex, distributed technologies, application servers, Messaging, Data transformation, ETL, Monitoring tools</li> <li>• Seasoned developer or technical lead with deep insight into newest technologies and trends in platforms like CBS, LOS, mobile app etc.</li> <li>• Experience of implementing large-scale cloud or software projects in corporate environments using waterfall and Agile methodologies</li> <li>• Exposure to technology landscape in banking and financial services</li> <li>• Ability to drive decisions and resolve conflicts by working with other architects, engineering teams,</li> </ul>

	<p>vendors, and business owners</p> <ul style="list-style-type: none"> <li>• Excellent stakeholder management and communication skills</li> </ul>
<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>Mandatory Certification(Scale IV):</b> Any Enterprise Architect Certification</p> <p><b>Preferred Certifications(Scale III) (non-mandatory):</b> TOGAF, Zachman, professional cloud architect certification from AWS, Azure, GCP etc.</p>
<b>Experience</b>	<p><b>Scale IV</b> <b>Minimum 8 years Post Qualification</b> System design and development of which 6 years of experience in architecting and designing enterprise platforms in banks or fintech domain</p> <p><b>Scale III</b> <b>Minimum 6 years Post Qualification</b> System design and development of which 4 years of experience in architecting and designing enterprise platforms in banks or fintech domain</p>

### 13. IT Architect: b) Integration Architect / Specialist

Position	<u>Integration Architect / Specialist (Scale III/II)</u>
<b>Role &amp; Responsibilities</b>	<p><b>Integration Architect</b></p> <p>Lead the enterprise application integration (EAI) strategy and platform (SOA, EDI, ETL, Data Virtualization) architecture</p> <ul style="list-style-type: none"> <li>• Create designs and oversee implementation of enterprise integration capabilities between various heterogeneous systems like CBS, LOS, LMS, Payment Systems, Digital Channels like mobile app, Internet Banking etc.</li> <li>• Create enterprise integration architecture principles to define usage of external and internal API gateways, enterprise serial bus, socket based integrations, file transfers etc.</li> <li>• Define integration best practices, security principles and design practices for various enterprise integrations</li> <li>• Conduct architecture reviews of key systems integrations including CBS, mobile app, payment platform etc.</li> <li>• Lead API strategy / roadmap initiatives to drive digital strategy aligning with business objectives</li> <li>• Collaborate with engineering teams and architects to drive guidelines and documentation</li> <li>• Ensure all applicable security and compliance standards and requirements are incorporated into service design</li> <li>• Update and maintain key enterprise integration architecture artefacts and blueprints</li> <li>• Align the technology and platforms to the business strategy or commercial imperatives and articulate associated opportunities, gaps, challenges, and risks</li> <li>• Lead teams of architects, engineering, DevOps and design leads for critical discussions, product evaluations, vendor selections, architecture roadmap creation etc.</li> <li>• Review ongoing implementation programs for adherence with architecture standards and guidelines of the Bank</li> </ul> <p><b>Integration Specialist</b></p> <ul style="list-style-type: none"> <li>• Review compliance with Enterprise Application Integration (EAI) strategy and platform (SOA, EDI, ETL, Data Virtualization) architecture standards for large banking systems like CBS, LOS, mobile app, payments platform etc.</li> </ul>

	<ul style="list-style-type: none"> <li>• Create designs and oversee implementation of enterprise integration capabilities between various heterogeneous systems</li> <li>• Manage and review API footprint, documentation, security standards, usage and performance</li> <li>• Design, develop, troubleshoot and support SOAP/REST API integrations</li> <li>• Design, develop and support file, batch and real time SOA integrations using web services</li> <li>• Update and maintain key enterprise integration architecture artefacts and blueprints</li> <li>• Collaborate with engineering teams and architects, to drive guidelines and documentation</li> <li>• Conduct reviews to ensure all applicable security and compliance standards and requirements are incorporated into service design</li> </ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Strong experience of designing and developing enterprise integrations for large systems using API, SOA (ESB, MQ etc.), ETL, event streaming etc.</li> <li>• Strong understanding of integration techniques required for banking systems like CBS, LOS, mobile application etc.</li> <li>• Prior developer experience with enterprise data integration technologies like ESB (IBM ACE, CP4I, WebMethods, Tibco, Oracle, Mule etc.) and other messaging- oriented middleware</li> <li>• Hands on experience with API gateway, API development and management in large platforms like IBM APIC, CP4I etc.</li> <li>• Experience designing, developing, troubleshooting, documenting and supporting SOAP/REST APIs</li> <li>• Experience in creating the best practices, templates, standards, and guidelines for API &amp; Integration</li> <li>• Experience in implementing SAML /OIDC and Oauth2</li> <li>• Experience in designing the API specification using swagger &amp; RAML standards</li> <li>• Design experience with different Integration Patterns File/Batch/realtime in SOA and strong knowledge of Web Service Fundamentals</li> <li>• Strong knowledge of Message Routing, Content Enrichment, Message Filtering, Message Transformation, Guaranteed delivery, Message sequencing, Batch message processing, error handling and reconciliation mechanisms</li> <li>• Proficiency in scripting languages like JavaScript, Python etc.</li> <li>• Proficiency in SQL and Non-SQL Databases, DevOps and CI/CD tools</li> <li>• Experience of Agile scrum and water fall methodology</li> <li>• <b>Integration Specialist</b></li> <li>• Experience of building and maintaining best in class enterprise integration platforms with high transaction volumes</li> <li>• Strong experience of designing and developing enterprise integrations for large systems using API, SOA (ESB, MQ etc.), ETL, event streaming etc.</li> <li>• Hands-on experience with enterprise data integration technologies, ESB (WebMethods, Tibco, Oracle, IBM, Mule etc.), and other messaging-oriented Middleware</li> <li>• Hands on experience of Message Routing, Content Enrichment, Message Filtering, Message Transformation, Guaranteed delivery, Message sequencing, Batch message processing, error handling and reconciliation mechanisms</li> <li>• Hands on experience with API design, development, documentation and support in large platforms like Apigee, WSO2, IBM, Mulesoft etc.</li> <li>• Experience in implementing SAML /OIDC and Oauth2</li> <li>• Design experience with different Integration Patterns File/Batch/realtime in SOA and strong knowledge of Web Service Fundamentals</li> <li>• Proficiency in scripting languages like JavaScript, Python etc.</li> <li>• Proficiency in SQL and Non-SQL Databases, and CI/CD tools</li> <li>• Experience of Agile scrum and water fall methodology</li> </ul>

<b>Education Qualification</b>	B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics & Telecommunications / Electronics & Communications / MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)  <b>Preferred Certifications (non-mandatory):</b> IBM Certified Solution Architect – Cloud Pak for Integration, Mulesoft/Oracle/IBM integration architectcertifications, ITIL, SAFE Agile certification
<b>Experience</b>	<b>Scale III</b> <b>Minimum 6 years Post Qualification</b> experience in enterprise data integration technologies like ESB of which 4 years of experience in designing and developing enterprise integrations, preferably in banking or fintech domain  <b>Scale II</b> <b>Minimum 4 years Post Qualification</b> experience with enterprise data integration technologies like ESB of which 2 years of experience in designing or managing complex technology integrations, preferably in banking or fintech domain

### 13. IT Architect: c) Private Cloud Infra-VMware/Nutanix Engineer

<b>Position</b>	<b>Private Cloud Infra-VMware/Nutanix Engineer (Scale III/II)</b>
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• The Virtualization engineer manages complex projects in systems administration, provisioning, installations, and configurations.</li> <li>• They work with cross-functional teams to maintain the software-defined data center, with a focus on high availability, scalability, security, and cost-effectiveness.</li> <li>• Their expertise in multi-cloud technologies improves operations and service delivery.</li> <li>• They are skilled at quickly and methodically resolving issues, collaborating with the team to develop solutions.</li> <li>• Responsibilities include virtualized infrastructure management, daily administration, hardware and software implementation, security design, system maintenance, and process automation.</li> </ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Experience in large scale (500+ users/devices) IT Datacenter Support</li> <li>• Experience with Hyper-V, VMWare or other virtualization platforms</li> <li>• Expert in Linux/Unix based Operating Systems like RHEL, Ubuntu and other Linux variants</li> <li>• Has hands on knowledge on Windows based Operating Systems like Windows Server 2012, 2016, 2022 and above.</li> <li>• Excellent analytical and communication skills</li> </ul>
<b>Education Qualification</b>	B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics & Telecommunications / Electronics & Communications / MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)  <b>Mandatory Certification (Any one of the below) for Scale III:</b> Nutanix-NCA/NCP/NCM, VmWare-VCA/VCP/VCAP  <b>Preferred Certification (non-mandatory):</b> ITIL, Microsoft Technology Associate (MTA), Microsoft Certified Solution Expert (MCSE), VMware Certified Professional, Nutanix Technical Certifications etc.
<b>Experience</b>	<b>Scale III</b> <b>Minimum 6 years Post Qualification</b> experience in working with virtualization platforms like Hyper-V / VMWare of which 4 years of experience in systems administration, provisioning, installations, and configurations preferably in Banking or Fintech domains.  <b>Scale II</b> <b>Minimum 4 years Post Qualification</b>

2 experience in working with virtualization platforms like Hyper-V / VMWare of which years of experience in systems administration, provisioning, installations, and configurations preferably in Banking or Fintech domains.

**13. IT Architect: d) Public Cloud Architect/Specialist**

Position	Public Cloud Architect ( Scale IV) & Public Cloud Specialist (III/II)
<b>Role &amp; Responsibilities</b>	<p><b>Cloud Architect</b>            Responsible for architecture, planning and implementation of cloud infrastructure for large banking platforms and integrations</p> <ul style="list-style-type: none"> <li>• Define governance for enterprise platforms hosted in multiple public and private cloud environments</li> <li>• Provide enterprise architecture direction to cloud platform and engineering teams</li> <li>• Plan and execute migration of large platforms and data from on-premises infrastructure to cloud</li> <li>• Architect solutions by leveraging a combination of cloud native services, serverless architecture, managed cloud services and containerized deployments into cloud</li> <li>• Design and implement data architecture, data integration and data management best practices in considering data ingress/egress for multiple public cloud, private cloud, and on-premises</li> <li>• Drive cloud adoption through the creation of an enterprise cloud framework and automation roadmap</li> <li>• Define and implement appropriate regulatory, security, architecture and administration controls for cloud data, application, and network security</li> <li>• Update and maintain key enterprise integration architecture artefacts and blueprints</li> <li>• Collaborate with engineering teams and architects, to drive guidelines and documentation</li> <li>• Demonstrate technical leadership, prepare and review cloud architecture blueprint roadmap</li> <li>• Monitor and optimize cloud hosting cost through well defined FinOps practices integrated with cloud development</li> <li>• Perform capacity management, sizing and TCO calculations for cloud migrations</li> </ul> <p><b>Cloud Specialist</b>            Build, configure, and manage cloud compute, data storage and other infrastructure requirements for multiple cloud instances including public, private and hybrid clouds</p> <ul style="list-style-type: none"> <li>• Create and execute infrastructure-as-a-code templates for cloud infrastructure creation and code deployments</li> <li>• Validate cloud infrastructure security, performance and availability and make recommendations for improvements and optimization</li> <li>• Manage VPCs, security groups, IAM and other security controls for cloud systems and services</li> <li>• Manage cloud environments to be compliant with industry standard regulations for security and reliability</li> <li>• Ensure backups are enabled and validate business continuity through restoration drills</li> <li>• Monitor costs by categorizing and tagging assets running in the cloud</li> <li>• Optimize costs by rightsizing infrastructure, shutting down unused infrastructure, using latest generation of compute and database servers etc.</li> <li>• Build, troubleshoot, and optimize container-based cloud infrastructure</li> <li>• Ensure operational readiness for launching secure and scalable workloads into public and hybrid cloud environments</li> </ul> <p>Implement infrastructure best practices defined by working with Cloud Architect, Enterprise Architect, and other engineering teams</p>

<b>Job specific skills</b>	<p><b>Cloud Architect</b>  Demonstrated experience in architecting large scale multi cloud solutions for enterprise platforms, preferably banking systems (CBS, LOS, digital banking platform etc.) or fintech systems (payments etc.)</p> <ul style="list-style-type: none"> <li>• Strong experience of orchestration of infrastructure components like (cloud servers, load balancers, storage, databases, network gateways, security, monitoring etc.), cloud native services, cloud managed services, serverless compute services etc. to develop elastic and highly available cloud solutions</li> <li>• Strong understanding of IaaS, PaaS, SaaS along with Private, Public and Hybrid Cloud technologies</li> <li>• Expertise in architecting large cloud solutions in one or more of AWS, GCP, Azure, IBM or Oracle clouds spanning variety of services including compute, storage, network, storage, databases, event streaming, serverless compute, object storage, container-as-a-service etc.</li> <li>• Strong experience of large-scale migrations from on-premises data centers to public cloud providers such as AWS, GCP, Azure etc., including application rationalization and redesigning for cloud</li> <li>• Expertise in CloudOps (provisioning, administration, deployments) and FinOps (cloud cost monitoring and optimization) using native, or 3rd party best in industry tools</li> <li>• Expertise in driving DevSecOps and infrastructure-as-a-code (CloudFormation, Terraform etc.) practices, including hands-on Experience</li> <li>• Strong knowledge of network topologies, network gateway devices (ingress/egress), firewalls, security groups and other cloud security best practices</li> <li>• Hands on experience in micro-services, cloud native application development, Docker, Kubernetes, Cloud Foundry, OpenShift etc.</li> <li>• Strong development experience in Java/SpringBoot/.NET Core/Nodejs/Python/Shell scripting etc.</li> <li>• Ability to work in large engineering teams, vendor teams and architects</li> <li>• Ability to learn new services and cloud platforms</li> </ul> <p><b>Cloud Specialist</b></p> <ul style="list-style-type: none"> <li>• Hands-on experience of provisioning and running cloud infrastructure in public clouds like AWS, GCP, Azure etc.</li> <li>• Strong experience of Cloud Computing - Infrastructure as a Service, Platform as a Service, cloud native services, storage, networking etc. in public clouds like AWS, GCP, Azure etc.</li> <li>• Strong experience of orchestration of infrastructure components like (cloud servers, load balancers, storage, databases, network gateways, security, monitoring etc.) to develop a cloud solution</li> <li>• Strong experience of large-scale migrations from on-premises data centers to public cloud providers such as AWS, GCP, Azure etc., including application rationalization and redesigning for cloud</li> <li>• Strong experience of monitoring, logging, and troubleshooting of issues with cloud infrastructure or cloud hosted applications</li> <li>• Experience with cloud cost monitoring and optimization using native or 3rd party cloud cost management tools</li> <li>• Demonstrated experience of DevSecOps, including automation/infrastructure-as-a-code (CloudFormation, Terraform etc.)</li> <li>• Strong knowledge of network topologies and technologies with emphasis on network gateway devices (ingress/egress)</li> <li>• Experience in micro-services &amp; cloud native application development, deploying applications using Docker, Kubernetes, Cloud Foundry, OpenShift etc.</li> <li>• Development experience in Java/SpringBoot/.NETCore/Nodejs/Python/Shell scripting etc.</li> </ul> <p>Ability to learn new services and cloud platforms</p>
<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>Mandatory Certification Scale IV(Any one of the below):</b>  Cloud architect or Developer certification (Professional) in AWS, GCP, Azure, IBM or Oracle.</p> <p><b>Preferred Certification Scale III/II(non-mandatory):</b> Cloud Developer or SysOps or Administrator or Architect certification in AWS, GCP Azure, IBM or Oracle</p>



<b>Experience</b>	<b>Scale IV</b> <b>Minimum 8 years Post Qualification</b> experience Cloud Infrastructure Management of which 6 years of experience in architecture for cloud infrastructure on multiple public cloud platforms like AWS, Azure, GCPetc., preferably for banking or fintech application.
	<b>Scale III</b> <b>Minimum 6 years Post Qualification</b> Experience Cloud Infrastructure Management of which 4 years of experience in architecting cloud infrastructure on multiple public cloud platforms like AWS, Azure, GCPetc., preferably for banking or fintech application.
	<b>Scale II</b> <b>Minimum 4 years Post Qualification</b> Experience Cloud Infrastructure Management of which 2 years of experience in architecting cloud infrastructure on multiple public cloud platforms like AWS, Azure, GCPetc., preferably for banking or fintech application.

#### 14. App Deployment Specialists: a) Web server Administrator

<b>Position</b>	<b>Web Server Administrator (Scale II)</b>
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Installation, configuration, management and troubleshooting of web, application, Proxy and Reverse proxy servers.</li> <li>• Install web and application servers like Nginx, Oracle WebLogic, Apache, IIS &amp; httpd on various platforms. Also, configure server instances, domains and manage server resources.</li> <li>• Deploy various web applications on the server and manage application versions.</li> <li>• Monitor server performance, uptime, resources utilization and manage load balancing.</li> <li>• Implement best security policies like SSL/TLS configurations, user authentication and authorization. Timely updating of security patches in order to keep the servers secure.</li> <li>• Implement backup strategies for application and databases. Develop and ensure disaster recovery plans to ensure business continuity.</li> <li>• Perform maintenance activities like disk cleanup, log rotation etc. Diagnose and resolve server issues.</li> <li>• Write scripts (Python/ shell scripts) to automate repetitive server tasks like deployment, monitoring and backups. Use different configuration and management tools like Ansible, puppet to automate server configurations.</li> </ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Experience of installation, configuration, management and troubleshooting of web, application, Proxy and Reverse proxy servers</li> <li>• Experience of working with multiple L1/L2/L3 teams.</li> <li>• Install web and application servers like Nginx, Oracle WebLogic, Apache, IIS &amp; httpd on various platforms</li> <li>• Experience of ticket assignment, troubleshooting by following SOPs and expediting resolution.</li> <li>• Technically skilled with the ability to understand complex technical issues and participate in discussions with other technical teams.</li> <li>• Strong problem solving, analytical and communication skills.</li> <li>• Ability to work with large teams and coordinate with vendor teams, business stakeholders etc.</li> </ul>
<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>Preferred Certification (non-mandatory):</b> Certification in Web Sphere, Web logic, Apache, Tomcat, Nginix.</p>
<b>Experience</b>	<p><b>Scale II</b> <b>Minimum 4 years Post Qualification</b> experience in Installation, configuration, management and troubleshooting of Web Server of which 2 years of experience in Web server administration (Web Sphere, Web logic, Apache, Tomcat, Nginix).</p>

#### 14. App Deployment Specialists: b) DevSecOps

Position	DevSecOps ( Scale III/II )
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Management and administration of Linux servers, patching, package management etc.</li> <li>• Writing various shell scripts</li> <li>• Performing periodic DR Drills, i.e. failover and switchover of GitLab geo replication sites.</li> <li>• Performing backup and restoration of GitLab Servers and registry.</li> <li>• Extensively working on Git and managing branching and release strategies.</li> <li>• Design and build CI/CD pipelines to deploy applications using GitLab, Jenkins on OpenShift Container Platform.</li> <li>• Enable and run various SAST and DAST test cases on Projects.</li> <li>• Work closely with various teams to assess code quality, source code management, code build and deployment processes</li> <li>• Implement various development, testing, automation tools and IT infrastructure</li> </ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Administration of Red Hat Enterprise Linux.</li> <li>• Experience in administering GitLab, Bitbucket, JIRA, Confluence, ArgoCD, CircleCI, Jenkins, Quay and other DevOps tools</li> <li>• Proficiency in using Git and maintaining Git repositories, branches etc.</li> <li>• Experience with continuous integration and related tools such as GitLab, Jenkins etc.</li> <li>• Experience in maintaining container registry, artifactory such as GitLab, Quay, Jfrog etc.</li> <li>• Excellent coding and scripting skills in Python, Bash, Perl, PowerShell, JavaScript etc.</li> <li>• Hands on experience of deployment using container orchestration platforms like OpenShift, Kubernetes etc.</li> <li>• Good knowledge of configuration management tools like Ansible, Chef, Salt stack, Puppet etc.</li> <li>• Strong scripting and automation skills (Shell, Groovy, Python, PowerShell, Terraform, and Cloud Formation etc.)</li> <li>• Knowledge of software development life cycle (SDLC) including Agile Development Methodology</li> <li>• Implementation SAST, DAST, and secure SDLC, infrastructure security</li> <li>• Strong knowledge of cloud and network security best practices</li> </ul>
<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>Preferred Certifications (non-mandatory):</b> GitLab Certified CI/CD Associate, GitLab Certified Security Specialist, GitLab Certified Git Associate</p>
<b>Experience</b>	<p><b>Scale III</b>  <b>Minimum 6 years Post Qualification experience in management of any DevSecOps tool of which 4 years of experience in Gitlab Administration preferably in Banking or Fintech domains</b></p> <p><b>Scale II</b>  <b>Minimum 4 years Post Qualification experience in management of any DevSecOps tool of which 2 years of experience in Gitlab Administration preferably in Banking or Fintech domains</b></p>

## 15. Martech: a) Martech Specialist

Position	<b>Martech Specialist ( Scale IV )</b>
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Defines the strategy for new product procurement i.e. justify the return on technical investment for new components to be procured</li> <li>• Design business use-cases and translate it into technical requirements</li> <li>• Responsible for the adoption of the components within marketing teams</li> <li>• Acts as the SME for the whole stack and help business teams for fulfilling /creating the requisite use-cases</li> <li>• Configure platform settings, manage user permissions, create custom fields and workflows, and troubleshoot technical issues</li> <li>• Design and execute complex marketing automation programs using best practices in lead nurturing, lead scoring, and segmentation</li> <li>• Responsible for planning and scheduling the requisite trainings and developing training guide</li> </ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• A firm understanding of marketing technology, as well as awareness of new trends in Martech (Marketing technology specialists typically receive on-the-job training to learn the specific software and processes of the company)</li> <li>• Understanding of Digital Banks its product and industry</li> <li>• Understand the available platforms and solutions for CDP, CMS, marketing automation, digital, sales and service.</li> <li>• experience in managing successful integrations of solutions with other corporate and third-party systems.</li> <li>• Working knowledge of CRM software (Salesforce, HubSpot, etc.), marketing automation software (HubSpot, Marketo, Pardot, etc.) and web analytics software (Google Analytics, Adobe Analytics, etc.)</li> <li>• Intermediate understanding of SQL, , with experience in using SQL and database foundations for data management</li> <li>• Technical experience with a broad variety of marketing, advertising and data platforms e.g. Adobe, Pega, Acxiom, Experian etc.</li> <li>• Solid understanding of HTML/CSS and website development</li> </ul>
<b>Education Qualification</b>	<p>B.E. / B. Tech. in Computer Science / Computer Applications / Information Technology / Electronics / Electronics &amp; Telecommunications / Electronics &amp; Communications / MCA from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>Preferred Certifications (non-mandatory):</b> Master’s in Business Administration (MBA) in marketing or higher education in similar fields.</p>
<b>Experience</b>	<p><b>Scale IV</b></p> <p><b>Minimum 8 years Post Qualification</b> experience in Installation, configuration, management and troubleshooting of tools like CDP / CMS / Web Analytics of which 6 years of experience in Marketing Tech role</p>

## 15. Martech: b) Digital Marketing Manager

Position	<b>Digital Marketing Manager ( Scale III /II )</b>
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Create integrated digital marketing campaigns based on market segments to gain new customers and assist in brand &amp; business growth aligned with business objectives</li> <li>• Own the execution of product marketing campaigns while partnering with key internal &amp; external stakeholders</li> <li>• Monitor &amp; track campaigns at KPI level and provide direction to the campaign to achieve business goals</li> <li>• Work closely with the product managers in shaping the Go-to-market strategy of individual product/features.</li> <li>• Define brand objectives, improve brand perception reach and developing strategic partnerships/sponsorships</li> <li>• Coordinate with the creative teams and external agencies</li> <li>• Coordinate with and advise business teams on digital marketing campaigns and prioritize campaigns basis Bank's business need</li> </ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Experience in planning, executing and evaluating GTM Strategies for new products, content creation &amp; marketing for digital products</li> <li>• Prior experience in running marketing technology platforms, setting up campaigns, driving adoption of the different platforms, managing agency relationships and in planning and buying of display media and implementing strategies</li> <li>• Should have experience leading and managing SEO/SEM/SMO, marketing database, email and social media display advertising campaigns</li> <li>• Understanding of Digital Banks, its product and the industry</li> <li>• Well-versed with digital marketing measurement tools and its usage to draw key insights to optimize the campaign performance</li> <li>• Experience in optimizing landing pages and user funnels</li> <li>• Experience with A/B and multivariate experiments</li> <li>• Good knowledge of website and App analytics tools (e.g., Google Analytics, Adobe Analytics)</li> <li>• Knowledge of ad serving tools (e.g., Google Ad Manager, DV 360, Xandr, Sizmek)</li> <li>• Highly data oriented with good acumen for number crunching</li> <li>• Up-to-date with the latest trends and best practices in online marketing and measurement</li> </ul>
<b>Education Qualification</b>	<p>Bachelors/Master's degree in any specialization (marketing preferred) from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>Preferred Certifications (non-mandatory):</b> Master's in business administration (MBA) in marketing. Additional digital marketing certifications will be a plus.</p>
<b>Experience</b>	<p><b>Scale III</b></p> <p><b>Minimum 6 years Post Qualification</b> experience in managing SEO/SEM/SMO, marketing database, email and social media display advertising campaigns of which 4 years of experience in Marketing Tech role</p> <p><b>Scale II</b></p> <p><b>Minimum 4 years Post Qualification</b></p> <p>Experience in managing SEO/SEM/SMO, marketing database, email and social media display advertising campaigns of which 2 years of experience in Marketing Tech role</p>

## 15. Martech: c) Digital Wealth Manager

Position	<b>Digital Wealth Manager ( Scale IV)</b>
<b>Role &amp; Responsibilities</b>	<p><b>Responsible to establish / Support in establishing Wealth Management Vertical in the Bank</b></p> <ul style="list-style-type: none"> <li>• Understanding and ensuring compliance with, in letter and spirit, all applicable laws, regulations</li> <li>• Able to play a key Role in driving Business and setting up targets</li> <li>• Designing financial solutions to meet investment needs of various segments of customers (Ultra HNI, HNI, Mass affluent) and ensure best in class customer experience to become their banking partner of choice.</li> <li>• Assess client's risk and return aspirations and deliver a tailored portfolio of products</li> <li>• Responsible for Wealth account activation of existing bank clients along with wealth deepening.</li> <li>• The role requires to collaborate seamlessly across teams to offer superior service and ensure a quick turnaround time for all customer queries regarding their investment requirements.</li> <li>• Design Performance metrics at different levels</li> <li>• Focused towards achieving results and meeting targets</li> <li>• Managing client feedback effectively through continuous monitoring of call records for follow ups, activation, enhancement of portfolio</li> <li>• Provide and maintain, on an ongoing basis, a daily sales report, figures, forecasting and any other records which may be required by the Head to keep up-to-date records of sales and performance</li> </ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Excellent knowledge of Private Banking products and services including Investments (Mutual Funds, PMS, AIFs, Structured products). Insurance (Life, Health, General), Banking Products (Assets as well as Liabilities), Trusts as well as advisory services etc.</li> <li>• Should have thorough knowledge and understanding of investments and securities.</li> <li>• As a Digital Wealth Manager, continuously understand the evolving customer wealth preferences, market trends and identify new opportunities for growth of your client's portfolio.</li> <li>• Should have sound Knowledge on Personal Finance Management and setting up of Business Model end to end for Mutual Funds, PMS, AIF, Structured &amp; Debt Products, Insurance etc.</li> <li>• Should be abreast of KYC, advisory and account opening related documentation as of SEBI and RBI regulations applicable to the Wealth business.</li> </ul>
<b>Education Qualification</b>	<p>A Degree (Graduation) in any discipline from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>Preferred qualification (non-mandatory) :</b> 2 years full time Post Graduate Degree / Diploma in Management, CFP, CFA or equivalent qualifications</p> <p>Certifications from accredited bodies in Wealth Management / Advisory would be desirable /added advantage</p>
<b>Experience</b>	<p><b>Scale IV</b></p> <p><b>Minimum 8 years Post Qualification</b> in Investments and Securities management of which 6 years of experience in an operations role in Private Banking, Relationship Manager/ Investment Counsellor in Wealth Management, Depository or Capital Markets.</p>

## 15. Martech: c) Content Manager

Position	Content Manager ( Scale III / II )
<b>Role &amp; Responsibilities</b>	<ul style="list-style-type: none"> <li>• Lead front end communication with the product team to provide relevant campaign ideas basis business problem or opportunity</li> <li>• Lead content creation, review, and publication to support customer acquisition and market development.</li> <li>• Create and review overall style guides, branding, identity &amp; content plan.</li> <li>• Define and track success KPIs relating to success of content plan to ensure continuous improvement and effectiveness of digital programs</li> <li>• Create text, visuals required for all campaigns which are in line with the creative standards of the organization</li> <li>• Ensure consistency across created formats from a design perspective to ensure similar design principles, color schemes, etc. are used across the bank</li> </ul>
<b>Job specific skills</b>	<p><b>Applicants should possess the following attributes:</b></p> <ul style="list-style-type: none"> <li>• Experience in planning, executing and evaluating GTM Strategies for new products, content creation &amp; marketing for digital products</li> <li>• Prior experience in running marketing technology platforms, setting up campaigns, driving adoption of the different platforms, managing agency relationships and in planning and buying of display media and implementing strategies</li> <li>• Should have experience leading and managing SEO/SEM/SMO, marketing database, email and social media display advertising campaigns</li> <li>• Understanding of Digital Banks, its product and the industry</li> <li>• Well-versed with digital marketing measurement tools and its usage to draw key insights to optimize the campaign performance</li> <li>• Experience in optimizing landing pages and user funnels</li> <li>• Experience with A/B and multivariate experiments</li> <li>• Good knowledge of website and App analytics tools (e.g., Google Analytics, Adobe Analytics)</li> <li>• Knowledge of Ad serving tools (e.g., Google Ad Manager, DV 360, Xandr, Sizmek)</li> <li>• Highly data oriented with good acumen for number crunching</li> <li>• Up-to-date with the latest trends and best practices in online marketing and measurement</li> </ul>
<b>Education Qualification</b>	<p>Bachelors/Master's degree in any specialization (marketing preferred) from Government recognized university or institution only. (the Qualification to be Full time and Regular Courses only)</p> <p><b>Preferred Certifications (non-mandatory):</b> Master's in business administration (MBA) in marketing. Additional digital marketing certifications will be a plus.</p>
<b>Experience</b>	<p><b>Scale III</b></p> <p><b>Minimum 6 years Post Qualification</b> experience in managing SEO/SEM/SMO, marketing database, email and social media display advertising campaigns of which 4 years of experience in campaign management/content managing/SEO/Influencer Marketing/Social MediaMarketing, digital analytics reporting etc.</p> <p><b>Scale II</b></p> <p><b>Minimum 4 years Post Qualification</b></p> <p>Experience in managing SEO/SEM/SMO, marketing database, email and social media display advertising campaigns of which 2 years of experience in campaign management/content managing/SEO/Influencer Marketing/Social MediaMarketing, digital analytics reporting etc.</p>