

## Indian Financial Technology & Allied Services

### Job Description

I		Role Summary	Remarks
(a) Title:	Devops Architect-Payment Systems		
(b) Business/Function:	Payment System		
(c) Band / Designation:	Sr. Manager - SDLC DevOps		
(d) Location:	Hyderabad		
(e) Reports to:	DVP		
(f) Team:	Project - Payment System		
(g) Summary:	<ul style="list-style-type: none"> <li>•Automation-first mindset and hands-on in primary knowledge for design patterns of development</li> <li>•Proficiency in design and architecture implementation of in-premise models of deployment</li> <li>•Deep understanding of DevOps framework, tools and metrics for build, test and deployment automation – Configuration Management, scalable mode of infrastructure deployment and best practices</li> <li>•Able to assess the existing maturity of client in Cloud and DevOps space, perform gap analysis and provide baseline solution</li> <li>•Creating suitable DevOps channels across the organization.</li> <li>•Establishing continuous build environments to speed up software development across multiple projects and guiding development team</li> <li>• Enable the development process and related operations,Identifying setbacks and shortcomings and come up with solutions.</li> <li>•Configuration Management tool (Ansible/Puppet/Salt)</li> <li>•Containerized deployment and orchestration</li> <li>•Infra deployment tool (Python, Terraform, CF)</li> <li>•CI/CD (Groovy pipelines)</li> <li>•Product Security, Scalability, Documentation Practices, refactoring and Testing Techniques.</li> <li>•Previous Application Development (Java/.Net) or System Administration experience (Linux, Windows, DBA, Storage, Networking)</li> <li>•Can create system architecture documentation, work/feature-breakdown structure document and other related artifacts with deep technical details</li> <li>•Strong experience with project management methodologies and frameworks (Waterfall, Scrum, Kanban)</li> <li>•Able to perform client-facing technical consultancy roles, contribute to knowledge base, work in Team Lead role for small-medium sized teams, etc</li> </ul>		
(h) Position Code:			

II		Additional Information	Classification
(a) Responsibilities:	<ul style="list-style-type: none"> <li>•Solution design from functional, non-functional, technical and low level solutioning including SOP, blueprint Preparation for various projects under payment domain</li> <li>•Good Solution architect for various required project under payment domain,</li> <li>• Security assessment and constant evaluation over period of time including conducting audit and ensuring compliance of the same.</li> <li>• Continous Design, development and intergration</li> <li>• Validation and verification of solution and confirmation.</li> <li>• Ability to conduct independent R &amp; D on various Payment System designs and architectures.</li> <li>• Effectively oversee project staff, managing shifts and effectively delegating work to team with proper follow-ups and guidance till closure.</li> <li>• Ability in ensuring the necessary risk assessments are being continually reviewed, monitored and proactively addressed in a timely fashion.</li> <li>• Involvement while working very closely with the Project support teams towards resolution of the technical issues.</li> <li>• Provide supervision for all the requests received by the department, and effectively manage the deliverables withing set timelines.</li> <li>• To ensure completeness of root cause for major/critical incidents, and where possible resolve or provide workarounds, suggestions and improvements to avoid future incidents.</li> <li>• To ensure applications/software environments are fully maintained with appropriately supported updates, patches and/or service packs in line with system maintenance policies</li> </ul>		

III		Requirements	Classification
(a) Education:	BE./ B.Tech/M.Tech/M.C.A/M.Sc (Computer Science)		Mandatory
(b) Experience:	<p><b>Primary Technology</b></p> <ul style="list-style-type: none"> <li>• Kubernetes, Docker</li> <li>• Shell/PERL/Python/Groovy scripting, Go Language</li> <li>• Prometheus, Graphana, ElasticSearch</li> <li>• Letsencrypt</li> <li>• Terraform, Ansible</li> <li>• Understanding of private cloud management</li> </ul> <p><b>Work Experience</b></p> <ul style="list-style-type: none"> <li>• Atleast 5 yrs of relevant experience in Devops implementation (Support experience is not considered)</li> <li>• 10 to 15 years of overall experience in IT (software development, testing, software design etc)</li> <li>• Strong experience in installation of containerized Microservices based applications</li> <li>• Strong knowledge on Kubernetes</li> <li>• Experience in installing and managing installing Kubernetes</li> <li>• Strong understanding of Docker</li> <li>•Hands-on with system administration, application installation and management</li> </ul>		Mandatory
(c) Certifications:	<ul style="list-style-type: none"> <li>•Certified Devops Architect</li> <li>•DevOps Professional Certification</li> <li>•Docker Certified Associate</li> <li>•Certified Kubernetes Administrator</li> </ul>		Mandatory
(d) Knowledge:	Kubernetes, Jenkins, Docker, Helm and other opensource technologies, complete CI/CD pipeline for a project and well aware of the monitoring mechanism of the servers.		Mandatory
(e) Technical Skills:	<p><b>Primary Mandatory Skills</b></p> <p>Jenkins, Ansible, Shell scripting, GIT and Microsoft Azure.CI/CD infrastructure and tools</p> <p><b>Additional Desirable skill</b></p> <p>IBM MQ, Oracle/SQL, Unix Scripts, AIX/Linux understanding, Apache Tomcat and Advance Java, Spring &amp; Hibernate framework, API, any IDE, Restful services,Oper source technologies</p>		Specified within