



## **Principal Engineer**

**Experience Should be 9+ yrs**

### **Job Responsibilities:**

- To lead and guide technically engineering team
- To design and develop high-volume, high-performance, high-availability Java applications using proven Java frameworks and technologies
- To design and develop reusable libraries and APIs for use across the platform
- To contribute to best practice for application development
- To write unit and integration tests, within automated test environments to ensure code quality
- To assist in defining the team's technical strategy and advising on product roadmaps and migration plans to achieve strategic goals
- To write concise yet comprehensive technical documentation
- To liaise with the product manager and technical architect to explore and suggest appropriate technical solutions to achieve the required product features
- To be responsible for work quality, ensuring it meets the technical standards
- To monitor work against the production schedule closely and provide progress updates and report any issues or technical difficulties to the senior developers on a regular basis
- To be responsible for technical solution of products and **own** it end to end.

### **Must Have:**

- Significant and demonstrable Java and React or Angular2+ development experience
- Significant and demonstrable experience of using Tomcat, Spring Framework (SpringBoot), Maven, Git, AWS.
- Significant and demonstrable experience of using Unix / Linux based Operating Systems including performing basic administrative tasks.
- Significant and demonstrable experience of implementing best practice – especially around scalability, availability and performance.
- Significant and demonstrable experience of test-driven development alongside use of automated test frameworks, mocking/stubbing and JUnit.
- Significant and proven experience on Agile methodologies.
- An ability to rapidly and effectively understand and translate product and business requirements into technical solutions
- Significant exposure to development methodologies like SOA, SaaS, Messaging Queues, Event Driven Development etc.

### **Primary Skills**

- Experience in Front-End areas like
- JavaScript frameworks like AngularJS 2+, React. *Preferred experience in React.*
- Libraries like jQuery or Backbone.js
- Experience in Backend areas like
- Experience in API design and development
- Experience in Relational Database technologies like MySQL, Oracle, PostgreSQL.
- Experience in writing RESTful Services using SpringBoot
- Experience in CRUD (Create, Read, Update, Delete) operations
- Experience in Server-side languages like Java
- Web server technologies like Node.js, J2EE, Apache, Nginx, etc.
- Experience on deploying product on AWS.
- Experience in writing test cases using Junit/TestNG, Mockito.
- Experience in studying HeapDump, Thread Stack Traces etc.
- Code versioning system like git or cvs.

### **Secondary Skills**

- Experience in Front-End areas like
- AJAX
- Front-end (CSS) frameworks like Foundation or Bootstrap
- Web fundamentals like HTML, JavaScript, and CSS is a plus
- Experience in writing scripts, shell or python.
- Experience in Cloud technologies
- Kubernetes, Docker
- Experience in Big Data technologies like
- Kafka, Cassandra, Spark, Hadoop eco system etc.