

Position: Senior Software Engineer- JAVA

Duties & Responsibilities:

- Conduct POC and prototyping of Cloud solutions
- Define Integration Design and Security Design for the Web Services and Enterprise component development.
- Work on networking and security topics as a cloud developer
- Contribute to SDLC process starting from design to release to production environment.
- Proficient on Agile methodologies and sprint culture
- Design and develop the JAVA based web services and APIs
- Proficient on JAVA multithreading and multitasking concept
- Design and Develop the JAVA code for different APIs using spring framework
- Write the UNIT tests for JAVA code using JUNIT OR TestNG framework
- Work AWS services, tools and technologies
- Engage with the senior architecture group, collaborate with the company's internal technology teams, and contribute to various internal initiatives.
- Write the swagger documentation for different APIs
- Write the test plan for white box testing and black box testing
- Deploy the code using any servlet container

Skill & Experience required:

- Have a minimum of 5+ years of relevant experience with hands-on code and are ready to program by themselves.
- Good understanding on class and UML diagrams
- Good understanding on JAVA constructs, abstractions , encapsulation , overloading and overriding concepts
- Proficient on JAVA interfaces, arrays , maps , lists , Hashmaps , Serialization and de-serialization
- Knowledge on any building tool like Maven OR Gradle
- Knowledge on exception handling and error logout
- Basic knowledge on design principals for distributed applications
- Good knowledge on REST and SOAP web services
- Sound knowledge on the JAVA OOP concept
- Good knowledge on Basic, core and J2EE
- Good understanding on JDBC, Spring MVC
- Knowledge on micro-services architecture
- Knowledge on JAVA garbage collection and JVM
- Sound knowledge on working on Algorithms and flowcharts
- Basic understanding on any cloud services provider, AWS / GCP / Azure
- Should be from JAVA development background.
- Experience in using **Postgres** databases preferably
- Design Highly Available and/or Fault-Tolerant Architectures
- Having experience with open-source technology or tools.

- Experience in designing, developing, and deploying high-scale solutions using spring and SpringBoot framework.
- Understanding of optimized coding considering memory consumption, performance, scalability, security, parallel processing, caching, lock mechanism, etc.
- Experience with Reporting and analysis tools for the cloud platform
- Web frameworks like Struts and SpringBoot.

Good to have:

- Any AWS OR JAVA certification
- Good knowledge of API server application development
- Good to have experience with multi-cloud environments like Azure, GCP, Alibaba and AWS
- Good to have experience with Networking in the AWS cloud
- Good understanding of Cloud Computing, Platform As A Service, Infrastructure As A Service
- Good understanding of DevOps (CI and CD)
- Good to have UNIX administration experience

Must to have:

- API design and development using JAVA
- Hands – on knowledge on JAVA programming and associated concepts
- Good understanding on three tier architecture

Additional details:

- Web Tokens, Symmetric/Asymmetric keys, certificate management.
- Cloud design patterns to protect against timeouts, unbounded network delays, transient faults in the cloud, cascading failures, SaaS service overload, etc.
- Load Balancing, DNS, and data caching techniques.
- Instrumentation of distributed applications for monitoring and troubleshooting.

Professional Skill Requirements:

- Familiar with Agile delivery methodology (Backlogs and sprints)
- Proven success in contributing to a team-oriented environment
- Proven ability to work creatively and analytically in a problem-solving environment
- Excellent communication (written and oral) and interpersonal skills