**Role - Software Engineer - Full Stack - Java**

**Job Description:**

* Knowledge of system architecture, its components and design paradigms.
* Develop simple responsive user interfaces of a web application using HTML5, CSS3, Javascript and introduction to JQuery, basic Bootstrap components.
* Implement basic Shell scripting commands.
* Sound knowledge and experience in Object Oriented Programming, Interpret the functional requirements and develop a simple component or module using Java language, following a component design specification and implement best coding standards and practices.
* Apply best design principles, appropriate data structures and algorithms to solve a problem.
* Interpret the entities and relationships and create simple tables, describe relationships between tables and write simple queries for CRUD operations in MySQL database.
* Use JDBC to access DB and perform basic operation on the data
* Use simple MVC components for coding the presentation layer of a module using Spring MVC, Write DAO layer with higher order ORM concepts Hibernate and Spring Data JPA.
* Write simple unit test cases for a given code using Junit and Mockito, implement Logging and Code coverage in web application.
* Create a simple Angular/React application and its components and its testing.
* Develop simple REST web services using Spring REST and Spring Boot.
* Convert simple monolithic apps to Microservices, implement security in Microservices with Spring Security using Spring Cloud.
* Describe various services of AWS and DevOps concepts, Deploy the Microservices in AWS cloud platform using GIT tool for code repository maintenance.