K.LAKSHMI

Mobile No: **7671948103**

Email: **Kakurulakshmi13@gmail.com**

Professional Summary

- Around 2.5 years of experience in designing and developing Micro services using **Spring boot**, Java Client and Server side Enterprise Applications using object oriented methodologies, enterprise technologies, frameworks and design patterns.
- Extensive experience in Front-End UI technologies like **HTML4/5, XHTML, CSS2/3, Bootstrap, Angular JS, Angular2.0/4.0** in developing dynamic and responsive web pages.
- Good experience in Client Side Scripting like **JavaScript, Jquery** to build highly interactive web pages.
- Experience in developing Angular 4 advanced features such as **interfaces**, **nested components**, **services, routing and modules.**
- Experience in applications using SOA architecture with SOAP, **Restful Services** and used XML for message communication.
- Extensively used XML documents with XSLT and CSS to translate the content into HTML to present to GUI.
- Used Spring Boot to develop and deploy both RESTful web services and **MVC** applications.
- Developed Micro services based on RESTful API utilizing **Spring Boot** with **Spring MVC**.
- Implemented exception handling in Java Spring boot for REST API by making use of Exception Handler and Controller Advice annotations.
- Hands-on experience with container solutions like **Docker and Kubernetes**
- Experience in Deploying the applications in **Kubernetes**
- Involved in using Amazon Web Services like **EC2 and S3**.
- Involved in writing test cases and test plans using, **Mockito and Junit**.
- Experienced in building applications using **Maven, Gradle and ANT tools**.
- Extensive hands on experience in setting up **CD/CI pipelines** using Jenkins.
- Experience in messaging queue services like **Apache Kafka, Rabbit MQ**
- Used Java **SE8** features like stream, lambda expressions, functional interface and type annotations and worked with **Core Java** concepts like **Multithreading**, Transaction Management, and Exception Handling.
- Worked on various SDLC (Software Development Life Cycle) from **Waterfall** to **Agile** (SCRUM) models.

PROFESSIONAL EXPERIENCE:

- Working as a Full stack Java Developer with Clover infotech, Mumbai from March 2020 to till date

EDUCATION QUALIFICATIONS:

- Bachelor of science(IT) from Anna University, Chennai in the year 2018

TECHNICAL EXPERIENCE:

Languages	Java
Frameworks	Spring Core, Spring MVC, Spring Boot
Web Services	RESTful Web Services, Microservices
Front End Technologies	HTML, CSS, Bootstrap, JavaScript,Jquery, Angular
Databases	PostgreSQL, DB2, SQL

Softwares / Tools	Docker, Kubernetes, Eclipse, STS, Maven, JIRA, Postman, Jenkins, GIT, Junit, Mockito
Application/Web Server	Apache Tomcat
MESSAGING SERVICES	Kafka
Operating System	Windows

Professional Summary:

Clover infotech

Duration: March-2020 to Till Date as a Full Stck Java Developer.

Roles & Responsibilities

- Developed Web pages from scratch using HTML5, CSS 3 and JavaScript.
- Used Angular 4 component router for navigation. Worked with Angular 4 directives, components, pipes, and injectable.
- Programmed in Angular 4 to upload (post) files/images to the AWS S3 browser from the Front-end by installing NPM package of AWS-SDK.
- Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by Angular 4.
- Involved in the development of services with Angular 4 injectable property, as to make the service available for dependency injection when creating components.
- Performed Verification and validation process for the code written by making use of Jasmine and Karma JavaScript testing framework by testing across various scenarios of the Angular 4.0 applications.
- Worked with SASS to build better and optimized Style sheets.
- Designed and developed RESTFUL web services using Spring Boot and Jersey framework.
- Used Spring Boot which is radically faster in building cloud Micro Services and develop Spring based application with very less configuration.
- Have knowledge on partition of Kafka messages and setting up the replication factors in Kafka Cluster.
- Worked with various features in spring such as Spring AOP, Spring Transaction management.
- Implemented Spring Bean Factory using IOC Configured Bean properties using dependency injection.
- Migrating existing application into REST based Micro services to provide all the CRUD capabilities using Spring Boot.
- Used Swagger specification for documenting REST API's which exposes description of a RESTFUL web services to different clients.
- Created various Docker images from the Docker containers and published these images in the Docker hub repository.
- Deployed the Dockerized Spring Boot application using AWS Elastic Bean Stalk (EBS).
- Worked on Deployment Automation of all micro services to pull image from Private Docker registry and deploy to Kubernetes Cluster.
- Wrote services with Angular 4 to store and retrieve user data from the Mongo DB for the application on devices with HTTP service.
- Authenticating Users and to provide the security to RESTful web services using OAUTH 2.0.
- Extensively used Git for version controlling and regularly pushed the code to GitHub.

- Used JIRA as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.
- Used GIT for version control and Jenkins for Continuous Integration and Continuous Deployment (CI/CD).

Environment: Angular 4, React ,HTML5, CSS 3, JavaScript, AWS S3, Gulp, RESTful Web Services, Web Pack, Babel, Jasmine, Karma, Spring Boot, Jersey, Micro Services, Rest Services, AWS, Node JS, GitHub, JIRA, Jenkins, Docker.