**Rushika Kumbum**

Full Stack Java Developer

**Personal Profile:**

Experienced software professional with a demonstrated history of working in the information technology and services industry. Skilled in Java/J2EE, Spring Boot, Microservices, RESTful Web Services, JavaScript, HTML, Relational Database, Cloud Database, Web Applications and implementing business technology solutions.

**Professional Summary:**

* Around 5+ years of experience in Cross-Platform (Web & Client-Server) application development and design using Object-Oriented Programming, Core Java, J2EE technologies.
* Expert knowledge of and experience in Object oriented Design and Programming concepts.
* Expertise in several J2EE technologies like JSP, Servlets, Spring MVC, Spring Boot, Web Services (SOAP, REST) and JSF
* Good experience working on different levels of Software Development Life Cycle (SDLC) and Agile Methodologies.
* Strong experience in Core Java skills including Multithreading, Collections, Garbage Collection.
* Experience in developing applications using Spring Boot and implementing Hibernate database access methodologies.
* Implemented a CI/CD pipeline with Docker, Jenkins (TFS Plugin installed), Team Foundation Server (TFS), GitHub and Azure Container Service, whenever a new TFS/GitHub branch gets started, Jenkins, our Continuous Integration (CI) server, automatically attempts to build a new Docker container from it.
* Built end to end CI/CD Pipelines in Jenkins to retrieve code, compile applications, perform tests and push build artifacts to Nexus Artifactory.
* Extensive experience on developing web applications using Spring Boot, Spring Security, Spring Core, Spring MVC, Spring AOP, Spring Actuator, Spring ORM, Spring JPA and Spring REST.
* Experience on Vagrant, AWS and Kubernetes based container deployments to create self-environments for dev teams.
* Use of Dockerand Kubernetesto manage micro services for development of continuous integration and continuous delivery.
* Good understanding of implementing web applications using Angular JS, Angular 2, ReactJS framework.
* Experience on RDBMS such as Microsoft SQL Server, ORACLE, MySQL, PostgreSQL, Aurora and DB2 and NoSQL databases such as MongoDB, Cassandra, DynamoDB.
* Experienced in Node environment using Node.js, npm.
* Good experience in PL/SQL, writing stored procedures, functions, and triggers.
* Experience in working with API’s, API Gateway, REST and SOAP Web Services using Ajax, JSON.
* Experience in using build/deploy tools such as Jenkins, Docker and AWS for Continuous Integration & Deployment for Microservices.
* JavaScript developer, front end and back end utilizing React - NextJS serverless framework.
* Experience in writing ANT, Gradle, Maven and Jenkins build scripts, writing unit test cases using JUnit, Mockito, Easy Mock, TestNG and used Log4j for bug tracking.
* Experience in working with front-end testing tools like Karma, Jasmine, and Jest and performance testing tools like JMeter.
* Experienced in using Version Control Tools such as Git.
* Excellent skills in programming using a wide variety of languages and the ability to adapt to new latest technologies and work in a multi-platform environment.

**Professional Experience:**

**CGI Feb 2023 - Present  
Los Angeles, CA**

**Full Stack Java Developer**

* Developed the functionalities using Agile Scrum Methodology.
* Extensively used core java concepts like Multithreading, Collections Framework, File I/O and concurrency.
* Experience in Core Java concepts such as OOP Concepts, Collections Framework, and Exception Handling, I/O System, Multi-Threading, JDBC, Generics.
* Developed Microservices with Spring and tested the application using Spring Boot.
* Designed, implemented and tested the Spring Domain Model for the services using Core Java.
* Involved in developing UI using Spring MVC framework, JSP, JSTL, HTML5, CSS, JavaScript, jQuery, AJAX and Angular 9 Testing and production support of core java based multithreading ETL tool for distributed loading XML data into Oracle database using JPA/Hibernate.
* Implemented Angular Controllers to maintain each view data. Implemented Angular Service calls using Angular Factory tested all application controllers extensively with Angular built-in testing facilities.
* Developed Rest APIs to process the data from Database to another Rest Service and created containers for the API’s using Docker.
* Built real time pipeline for streaming data using Kafka and Spark Streaming.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations, and Flux concept.
* Designed REST and SOAP services.
* Proficient in creating and consuming SOAP and RESTful web services in Spring Boot using JAX-WS, JAX-RS, and Spring Rest Controller.
* Implemented OAuth2.0 for authentication-based web application and accessed their APIs for fetching data services.
* Implemented procedures, packages, triggers, and different Joins to retrieve the database using PL/SQL, SQL scripts. Created DDL, DML scripts to create tables and privileges on respective tables in the database.
* Used to analyze large volume of data in Unix environment during production hours.
* Created a batched job which retrieves the records from the database and sends the data to the letter generating web service.
* Maven is used to create build files and does Unit testing by creating Test Suites using JUnit Framework.
* Built applications for scale using JavaScript and NodeJS.
* Used JIRA tool for Issue/bug tracking, monitoring of work assignment in the system.
* Worked with OpenShift platform in managing Docker containers and Kubernetes Clusters.
* Managed Docker orchestration and Docker containerization using Kubernetes.

**JTV Jun 2021 – Jan 2023**

**Nashville, TN**

**Full Stack Java Developer**

**Responsibilities:**

* Involved in multi-tiered J2EEdesign utilizing SpringInversionofControl **(**IOC**)** architecture and hibernate**.**
* Hands-on experience in development of Microservicesand deploying in Docker**.**
* Responsible for creating and maintaining architecture for RestfulAPI using SpringBoot
* Implemented RESTful Web services in Service Oriented Architecture (SOA) to retrieve data from service and made REST API calls from React.Js and parsed the data to client and handled the security using Spring Security.
* Implemented the application using SpringBoot Framework and handled the security using SpringSecurity**.**
* Implemented micro services and core platform framework using java Spring Framework, JDBC Template, query language, Maven.
* Integrated Spring Security with JWT in Spring boot and database to manage user authentication and user authorization for login filter using tokens and email confirmations.
* Worked in Migrating existing application into micro services architecture using Rest APIs, spring boot, Spring Cloud Config, Netflix OSS (eureka, hystrix) and Azure.
* Involved in development of REST Web Services using Spring MVC to extract client related data from databases and SOAPUI tool is used for testing RESTFUL API web services.
* Designed, developed, and tested HTML5, CSS3, Bootstrap, JavaScript, jQuery and React.JS that meet accessibility and web browser standards for website.
* Developed Mockito and JUnit test cases to improve code coverage.
* Experience in writing unit tests using JUnit and Easy Mock.
* Tested the performance of our API using SoapUI, Postman, and JMeter.
* Used Jenkins server for code monitoring during code integration phase.
* Used JIRA as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.

**NCR CorporationNov 2016- Dec 2019**

**Hyderabad, India**

**Java Developer**

**Responsibilities:**

* Designed and implemented a real time data processing system using Kafka and spark streaming resulting in a 50% increase in data throughput and reduced latency by 60%.
* Developed a scalable data ingestion framework using ApacheNifi and Apache kafka and resulting in more streamlined and efficient data ingestion process.
* Develop web applications which will be used by IS**-**Advisoryteam to maintain the trading platform.
* Responsible for all stages in SDLClifecycle such as design, develop, test and deployment of applications.
* Designed User Interfaces using JSP, J Query, CSS, React Js, HTML, Bootstrap, NodeJS, and CSS for front end view as per the requirements that are provided.
* Worked on Data Ingestion tools with Druid.
* Developed API’s which interact with **Apache** Druid’s cluster programmatically.
* Experience with ReactJs to write apps in JavaScript that achieve native performance on mobile devices, used ReactJs and AJAX technologies for front end user input validations.
* Developed Optimized Druid Queries for high performance by tunning segment and granularity and query caching.
* Used React.js for tinplating for faster compilation and developing reusable components and utilized react for its efficient data flow architecture to create a lightweight application.
* Used Spring Framework and developed the Spring Features like Spring Core, Spring IOC, Spring AOP, Spring Data Access and spring web test, Spring MVC,Spring DAO, Spring Boot and Spring Security and Spring Integration.
* The functionality is implementedusing SpringIO/SpringBoot and HibernateORM**.** Implemented Java EE components using Spring MVC, Spring IOC and spring transactions modules.
* Developed microservices with SpringEureka to retrieve API routes for the entire cluster. Using this strategy each microservice in a cluster can be load balanced and exposed through one API gateway.
* Design and develop RESTful microservices using Springboot and Java1.8.
* Secure the microservices with spring security and useOAuth2.0authenticationmechanism.
* Used Maven as a build tool to define dependencies/plug ins for the application.
* Implement Multithreading and use core technologies like streams, lambdas in applications to achieve concurrency.
* Use of NoSQL databases like MongoDB along with MongoRepository to store high volume data.
* Created collections and performed CRUD operations on MongodB using Node Mongoose and used mongo Repository and springMongoTemplate for persistence.

**Education:**

* Master’s in computer science engineering at South East Missouri State University (Jan 2020 – December 2022)
* Bachelor’s in computer science engineering at Megha Institute of Engineering and technology for women. (Aug 2015- June 2019)