**PROFESSIONAL SUMMARY:**

* Having around 8 years of experience in design, development, maintenance, and support of Java/J2EE applications.
* Working experience in Agile and waterfall environments for software development. Involved in daily scrums for sprint planning, sprint reviewing, backlogs from product owner and retrospective meetings. Used JIRA.
* Developed server-side application to interact with database using Spring, Spring Boot and Hibernate.
* Expertise in using Web Service technologies like REST API and Web Client to integrate the web-applications.
* Proficiency in implementing multi-Threaded applications and in using design patterns like Factory Method, Singleton, Builder, Proxy, MVC and DAO patterns in software design.
* Design and implement an application using Dispatcher Servlet, Dependency Injection, Annotation, Spring AOP, Spring Security, Spring Boot, Spring Cache, Spring Cloud and Hibernate.
* Experienced in implementation of JMS to exchange information using RabbitMQ and Kafka as message queue. Having good knowledge on ActiveMQ messaging service.
* Experienced in developing MVC framework-based websites using Spring boot in Microservices architecture.
* Strong experience in building applications in microservices architecture involving Eureka server, Spring API Gateway, Spring Cloud Config server and Spring cloud load balancing.
* Experience in Authentication and Authorization with Spring security modules using JSON Web Tokens (JWT).
* Strong experience using Java core concepts including Java 8 Lambda Expressions, Stream API, Functional Interfaces, Method References, Multi-threading, Exception Handling and Collections.
* Innovative individual with commendable experience in developing User Interface using Angular framework, Typescript, HTML, CSS and JavaScript.
* Technically savvy with far-reaching talents using multiple RDBMS products like SQL Server, MySQL, and NoSQL DB like MongoDB Compass.
* Experience in working with application servers like IBM WebSphere, WebLogic, and Tomcat.
* Extensively worked on developing the backend involving Spring, JPA, Hibernate and Web Services.
* Used GIT for version controlling. Worked with source tree.
* Skilled at consuming and producing JSON data by building Rest APIs.
* Experience in writing unit test cases for code using JUnit and Mockito framework.
* Experience in Micro services development using spring boot and deployment in Amazon Web Services (AWS).
* Strong experience on DevOps essential tools like Docker, Kubernetes, GIT, SonarQube and Jenkins.
* Experience in writing docker files to create Docker containers, leveraging Linux Containers and AMI's to create Docker Images/ containers.
* Containerized applications using Docker and orchestrated using Kubernetes cluster, proficient in creating and managing Kubernetes manifest files for deployment.
* Worked with backend engineers to optimize existing API calls to create efficiencies by deprecating unneeded API calls.
* Good knowledge in AWS cloud platform and its features which includes EC2, Elastic Beanstalk, AMI, EKS, Cloud watch, Cloud Formation, AWSRDS and AWS S3.
* Experience in integrating and managing SonarQube for continuous code coverage and code quality analysis.
* Excellent experience of build tool like Maven.
* Developed DAO implementation using Hibernate Template from Spring with Hibernate API.
* Good exposure on using IDE tools like Eclipse, Spring tool Suite, IntelliJ and Sublime Text.
* Highly self-motivated and goal-oriented team player with strong analytical, debugging, problem solving skills. Diversified knowledge and ability to learn innovative technologies.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| Programming Languages  | Java 1.7/1.8, SQL |
| Java/J2EE Technologies  | JDBC, JSP, JMS |
| Web Development  | HTML5, CSS3, Angular 11, TypeScript, JavaScript |
| Frameworks  | Spring ORM - Hibernate, Spring 6, Spring Boot 3 |
| Web Services  | Restful Services |
| Messaging Technologies  | JMS using RabbitMQ. Kafka, ActiveMQ |
| Cloud Services  | Amazon Web Services (AWS) |
| Methodologies/ Design Patterns  | Proxy, Builder, Factory, Singleton, MVC, DAO |
| Databases  | Oracle SQL, MySQL , MongoDB |
| IDEs  | Eclipse, Spring tool suite, IntelliJ |
| Build Automation Tools | Maven, Jenkins |
| Testing Framework | JUnit, Mockito |
| Containerization  | Docker and Kubernetes for Orchestration |
| Tools  | SQL Developer, JIRA, Docker, Kubernetes- Minikube, Postman |
| Data Serialization  | JSON, YAML  |

**PROFESSIONAL EXPERIENCE:**

**Client: Sabre. Southlake, TX.**

**Backend Developer Oct’2023 – Jan’2024**

**Responsibilities:**

* Coordinated and attended user meetings to understand and capture requirements.
* Participated in Requirements Analysis, Design and Development phases of the project and worked in Scrum Methodology.
* Extensively used Spring Framework modules like MVC, DI (IOC), Autowiring, Spring Boot and AOP.
* Converted a monolithic app to microservices architecture using Spring.
* Developed Spring Restful Microservices using Spring Eureka as part of Services Discovery, Spring load balancer and Spring API Gateway.
* Used Spring Boot Actuator to externalize application’s configuration.
* Implemented Spring Circuit breaker pattern for fault tolerance of distributed systems in microservice architecture.
* Deployed, Scaled, Configured, wrote manifest files for deployment in Amazon EKS cluster.
* Deployed Ingress ALB controller to externalize our applications deployed as pods in EKS cluster.
* Worked under new technologies introduced in Java8 like Functional interfaces and Lambda Expressions.
* Extensively worked with Spring framework and Hibernate.
* Used JMS to exchange information over reliable channel in an asynchronous way by using RabbitMQ as a message queue.
* Configured RabbitMQ exchanges, queues, and bindings to support messaging patterns such as publish-subscribe and implemented Retry pattern in RabbitMQ.
* Experience working in and building Continuous Integration (CI) and Continues Deployment (CD) by building custom build and deployments jobs in Jenkins.
* Performed minor changes in micro services in Spring Boot to support changes in front-end and implemented routing for new components created using Angular 11.
* Used HQL (Hibernate Query Language) to write queries while communicating with Database.
* Experience writing Docker file for building Docker images, tagging, pushing images, and deploy as container pods in EKS cluster.
* Used GIT for efficiently managing the source code versions with the development team.
* Prepare documentation which are helpful for the development of the application.
* Extensively worked on SQL server including storage and retrieving data using Hibernate.
* Handled response data from RestFul Web services using JSON to update UI.
* Experience with messaging systems like Kafka.
* Expertise with Spring Kafka apart from JMS as messaging service.
* Involved in Unit Testing and Bug-Fixing and achieved the maximum code coverage using JUnit test cases.

**Environment:** Java 1.8, J2EE, Core Java, AWS, Jenkins, Spring boot, GitHub, Hibernate, JUnit, Maven, Oracle 11g, Eclipse, Spring 6.x, Tomcat, Spring Core, Micro services, Spring IOC Container, Design Patterns, Sonar, JSON, Kafka, Docker, DevOps, RESTful Web services, Agile, Angular 11.

**Client: CVS Health, Chicago, IL.**

**Full Stack Developer Oct’2021 – Sep’2023**

**Responsibilities:**

* Design and develop the application using MVC and Spring framework including Spring beans, Spring AOP and Spring Boot.
* Created Spring boot applications to connect them to database and created queries to retrieve data and modify the tables for the databases.
* Modified existing REST based Microservices to provide CRUD capabilities using Spring Boot.
* Used Spring Boot, which is radically faster in building cloud Micro services and develop Spring based application with very less configuration.
* Extensively made use of Java8 features like Predicates, Functional Interfaces and Lambda Expressions, Method References and Stream API.
* Used Agile practices and Test-Driven Development techniques to provide reliable working microservices.
* Used Micro service architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers.
* Designed and developed the REST based Microservices using the Spring Boot, Spring Data with JPA.
* Used JMS to exchange information over reliable channel in an asynchronous way by using RabbitMQ as a message queue.
* Integrated the application with spring framework for implementing Dependency injection and provide abstraction between presentation layer and persistence layer.
* Developed SPA using Angular 11, HTML5, CSS3 and TypeScript.
* Developed Rest Webservices using Spring MVC and migrated XML based configurations to Java based configurations
* Implementation using Angular to build UI and its integration with Spring framework.
* Design, develop, test and maintain the application built on Spring, and Hibernate-JPA.
* Design and implement an application using Dispatcher Servlet, Dependency Injection, Spring Boot, Hibernate annotations, Spring AOP, Spring Security.
* Developed Database Access Objects (DAO) using the Spring Hibernate Support and using Hibernate Query Language (HQL) and writing Entities.
* Experience with Continuous Integration/Continuous Deployment using Maven, Jenkins.
* Used Hibernate and Spring JDBC to connect to oracle database and retrieved data.
* Developed JSP's to make the HTML pages more user-friendly.
* Used Jenkins, Docker, Git and Kubernetes.
* Designed and developed persistence layer build on ORM framework and developed it using Hibernate.
* Developed Web services for sending and getting data from different applications using REST.
* Used Mockito to test the mock objects and followed TestDrivenDevelopment (TDD)during the entire development.

**Environment:** Java, J2EE, Tomcat, Eclipse, XML, Spring 6.X, SpringBoot, JPA, Hibernate, HTML, JSP, JSTL, Sonar, RESTful Web services, Kafka, Angular 11, Jenkins, Docker, Kubernetes, Microservices, JUnit, Agile/Scrum, TDD, SQL Server, TypeScript, Node.js, CSS3

**Client: GE Healthcare, TechMahindra**

**Software Engineer Apr’2019 – Jun’2021**

**Responsibilities:**

* Effective interaction with team members and business users from different regions for procurement of requirements and analysis.
* Developed services and APIs for UI application to fetch live data from CRMs.
* Extensive hands-on experience in developing RESTful APIs using Spring boot.
* Developed application on Spring framework by utilizing its features like Spring Dependency injection, Spring Beans, Spring Security, Spring JDBC, Spring Web flow using Spring MVC.
* Worked on Spring Web Flow on Spring MVC to build an application from scratch using Spring XML configurations, annotations. Wrote controllers to handle incoming requests and send output to the UI.
* Used Spring Security framework to set up authentication and authorization for the application using JSON Web Tokens.
* Developed persistence layer integrating Hibernate with Spring ORM support, also used Spring JDBC for lightweight database operations.
* Test Driven development and deployed application in Apache Tomcat.
* Instituted as a point of contact to the leadership from the offshore development team.
* Parsing JSON/XML and store into Oracle SQL Database using spring JDBC module.
* Used Maven for building, deploying application, creating JPA based entity objects.
* Used different user interface technologies HTML, Typescript and Angular for developing GUI of the application.
* Initiated Monitoring of infrastructure, Application APIs and database using New Relic Monitoring tool for proactive monitoring and avoid unplanned downtime of the services.
* Coordinate with clients and vendors in case of production issues.
* Resolved incidents within SLA and provided critical Fixes in Production Environment which is a dollar impact to the client directly.
* Create and Manage API endpoints in Akana (API gateway) and provide access to other applications to consume the APIs.
* Played a key role in end-to-end testing and migration of API gateway from AKANA to APIGEE.

**Environment:** Spring MVC, Hibernate, Spring ORM, Eclipse, Tomcat, JSP, Angular 8, HTML, CSS3, XML, Maven, Oracle SQL Developer, Hibernate, REST, JDBC, JUnit, ServiceNow.

**Client: GE Healthcare, TechMahindra**

**Associate Software Engineer Jul’2016-Mar’2019**

**Responsibilities:**

* Documented entire development process for each new version released to client.
* Provided support in L3 level, based on priority of the issues (P1/P2/P3) to meet the client’s SLA
* Resolved production issues and defects which require code and design changes.
* Involved in Software Development Life Cycle (SDLC) of the application, requirement gathering, design and analysis for code development.
* Implemented the Spring Model View Controller (MVC) framework.
* Performed Server-side validations using Hibernate validator and JSR 380.
* Involved in writing SQL Queries for Database CRUD Operations and verified the Data with the Production.
* Designed and developed the UI using spring standard tag libraries, JSP, HTML and CSS
* Worked on Eclipse IDE to write the code and integrate the application.
* Troubleshooting all the errors which we get in the PROD/QA environments.
* Complete documentation of all procedures and processes developed and provided a level of education of the deliverables to other team members.

**Environment:** Apache Tomcat, Java, Spring JDBC, Eclipse IDE, Oracle SQL Developer, Angular, JSP, HTML, CSS, ServiceNow.