**AISHWARYA SANKARAP**

Java Developer

**PROFESSIONAL SUMMARY:**

* Around 5 years of Java development experience in all stages of the life cycle, referring to Design, Development, Implementation, and testing of web-based applications.
* Extensive experience developing web applications using Spring Boot, Spring Security, Spring Core, Spring MVC, Spring AOP, Spring ORM, Spring JPA, Spring Cloud, and Spring REST.
* Experience in all phases of SDLC like Requirement Analysis, Implementation, and Maintenance, with a fast-paced Agile development environment and methodologies including Test Driven Development (TDD) and Scrum.
* Experience in core Java concepts like Multithreading, Data Structures such as Queue, Linked lists, and Sorting
* Highly proficient in designing n-tier Enterprise applications with J2EE design patterns like IOC (Inversion of Control), AOP (Aspect Oriented Programming), MVC, Business Delegate, Service Locator, Session Façade, DTO, DAO, Front Controller, Factory, RESTful web services, and SOAP.
* Good understanding of Core Java SE 8 concepts like Streams API, Time API, Functional Interfaces, Multithreading, Transaction Management, Exception Handling, Lambda functions, Generics, and Collection API.
* Good knowledge of working with Relational databases ORM frameworks like PostgreSQL, MySQL, DB2, and Oracle 13c/11g.
* Expertise in interacting with ORM frameworks like Hibernate, Spring Data, and JPA.
* Experience in developing enterprise applications using frameworks like spring, Struts, Servlets, and JSF (Prime Faces).
* Proficient in the implementation of spring frameworks like Spring MVC, Spring IOC, Spring REST, Spring AOP, Spring transaction Management, Spring Data, Spring DAO, Spring Batch, Spring Security, and Spring Boot.
* Worked on microservices-based architecture using Spring Boot interacting through REST API.
* Hands-on experience with design patterns like MVC, Business Object, Value Object, Singleton, Factory Pattern, Business Delegate, Session Facade, Service Locator, Front Controller, and DAO pattern.
* Skilled in understanding and usage of JVM. Used Spring IOC, to make the application easy to test and integrate.
* Knowledge of using Routed Protocols like FTP, HTTP, HTTPS, and Direct connect.
* Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by Angular 5.
* Excellent communication skills, leadership abilities, strong architectural skills, hardworking, and a very good team player.
* Knowledge of design patterns and best practices for OOP development.
* Experience with building tools like Maven for building and deploying applications to different environments.
* Implemented Test Driven Environment (TDD) Used JUnit, Mockito, and Sonar for Unit testing.

**Technical Skills:**

* Programming Languages: Java, python, JavaScript, C/C++
* Web Technologies: HTML 5, CSS 3, JavaScript, Bootstrap
* Web/Application Servers: Apache Tomcat, JBoss
* Databases and Tools: SQL, MySQL, NoSQL, MongoDB
* Testing and Logging: Junit 4.0, Mockito 2.0 and Log4j
* Tools & Framework: Spring 5,4.x, Spring MVC, Spring IOC, Spring Cloud, Spring Boot 2.x, Spring Security, JSP 2.2, Servlets 3.1/3.0, JDBC, JMS 2.0
* IDE: Eclipse, Visual Studio Code, IntelliJ
* Version Control: Git
* CI Tools: Jenkins
* OS & Environment: Windows, UNIX, Linux, and Mac

**Education:**

* Masters in information technology from Southern New Hampshire University, New Hampshire
* Bachelors in computer science from JNTUH, Hyderabad, India

**PROFESSIONAL EXPERIENCE**

**Citi-bank, TX (August 2022 – Current)**

**Java Developer**

**Responsibilities:**

* Developed and implemented views using HTML5, CSS3/LESS, Bootstrap 4.0, and AJAX.
* Used React Router to create a Single Page Application (SPA) that can bind data to specific views and synchronize data with the server.
* Implemented flux pattern by using the redux framework as a core dependency.
* Used the fundamentals of Java 8 like parallel streams and filters through lambda expressions to handle the searching.
* Used a complete annotation-driven approach to develop the application using Spring Boot and was also involved in setting up the spring bean profiling.
* Developed and deployed Micro Services-based applications using Spring Boot and Spring Cloud.
* Expertise in using Spring Security Module by utilizing its Site Minder, OAuth 2.0 Configuration, and OpenID Connect for Enterprise Application Authentication and Authorizations.
* Used Spring IOC for specifying the dependencies of the objects using dependency injection.
* Implemented ORM frameworks such as Spring Data.
* To achieve modularity and to handle cross-cutting concerns like transaction management, logging, and profiling Spring AOP is used.
* Strong problem-solving skills and ability to debug complex OOP applications.
* Experience working with Kafka in a microservices architecture, including how you used Kafka to facilitate communication between services.
* Used Hibernate as the Object-Relational Mapping (ORM) tool to access persistent data.
* Worked with spring batch to convert XML files to database records.
* Configured JBOSS Application server and used Oracle database.
* Worked with Jenkins Continuous Integration and Continuous Deployment (CI/CD).
* Creating, managing, and performing container-based deployments using Docker images containing Middleware and applications together.
* Worked with Angular 5 to develop single page applications, worked with ngrx for managing Angular applications.
* Deployed the drools rules as a service in the J2EE stack environment.

**Lowe’s NC** **December 2021 to April 2022**

**Java Developer**

**Responsibilities:**

* Experienced with Software Development Life Cycle (SDLC) with object-oriented business process and worked on developing Service-oriented architecture applications in an agile development environment.
* Designed and Developed Micro Service based architecture using Spring Boot Application
* Developed HTML, and JavaScript for client-side presentation and data validation on the client side within the forms.
* Experience with OOP principles such as encapsulation, inheritance, abstraction, and polymorphism.
* Used Spring Data (JPA) module for performing CRUD operations on the database.
* Developed using new features of JAVA 8 annotations, Generics, enhanced for loop, and Enums.
* Used IntelliJ IDE tool to develop the application and JIRA for bug and issue tracking.
* Involved in implementing Hashing Algorithm for quick lookups and imposing better security.
* Developed REST web services using Spring Boot 4.x to extract client-related data from the database.
* Used Postman for testing RESTful API web services.
* Experience with messaging and stream processing on Kafka.
* Implemented Spring Security for login authentication, credit reports, and applicant information using OAuth 2.0.
* Deployed Spring Boot-based microservices on Docker containers using Amazon ECS.
* Experience in introducing Docker utilizing the Docker tool compartment. Condition provisioning arrangements utilizing Docker.
* Ability to write clean, maintainable, and reusable code using OOP principles.
* Authenticating Users and providing security to Restful web services using OAUTH 2.0.
* Using Swagger Framework, actualizing the Restful API and Swagger gives the rich UI to test API.
* Worked on unit test cases using Mockito and JUnit on the server side.
* Used Docker containers for deploying the application.
* Experience working with Kafka's APIs, including the Producer API, Consumer API, and Streams API.
* Responsible for unit testing the application through multiple stages of Test-Driven Development process using JUnit.
* Worked with the configured and maintained Jenkins to implement the CI/CD process.

Environment: Node JS, HTML5, ES6 JavaScript, AJAX HTTP Service, Spring boot, JPA, jQuery, OAuth2.0, Jenkins, Bamboo, Log4j, MY SQL, Elastic Search, Redis, RESTful, Junit4, Docker, Jasmine, Eclipse Java EE IDE.

**Verizon , TX** **June 2021 to December 2021**

**Java Developer**

**Responsibilities:**

* Integrated the application with Spring-MVC using Spring Boot, Spring Dependency Injection (DI), and Spring Annotations.
* Created and injected Spring services, controllers, and DAOs for DI and wire objects of business classes.
* Migrating existing applications into REST-based Microservices to provide all the CRUD capabilities using Spring Boot.
* Involved in Agile standup meetings with team members on regular basis and tracked the update on projects using JIRA.
* Worked extensively on Spring boot for building web service.
* Developed Hibernate in Data Access Layer to access and update information in the database.
* Developed REST APIs using Spring MVC and Spring boot and hosted all microservices.
* Strong understanding of data structures and algorithms, which are essential for OOP development.
* Configure Maven for project compilation and building.
* Experience working with GitHub and Bit Bucket for repository management.
* Extensively used Oracle SQL and used spring data for mapping repository.
* Participated in technical code reviews, prepared unit test cases, detailed time estimation and impact analysis, and code review documents.
* Development support of company´s internal CI system, providing a comprehensive API for CI/CD.
* Worked on stored procedures, triggers and cursors, and PL/SQL queries in Oracle 11g.
* Wrote POJOs and configuration files using the Hibernate API.
* Database management using ORM like Hibernate.

Environment: Node JS, HTML5, ES6 JavaScript, AJAX HTTP Service, Spring boot, JPA, jQuery, OAuth2.0, Jenkins, Bamboo, Log4j, MY SQL, Elastic Search, Redis, RESTful, Junit4, Docker, Jasmine, Eclipse Java EE IDE.

**Gucons Consulting Pvt Ltd Hyderabad, India** **June 2016 to Dec 2019**

**Java Developer**

**Responsibilities:**

* Developed User Interface view with Spring MVC and AngularJS as a Service Oriented Architecture (SOA) application.
* Used HTML5, CSS, jQuery, and Ajax and performed client-side validations using JavaScript.
* Updates data using CRUD (Create, read, update, delete) features of Backbone.JS and Paginator for pagination for Tables.
* Developed RESTful services based on Spring REST using the spring framework.
* Implemented Internationalization using Spring MVC Interceptors, spring core modules, and native Spring AOP facets of Logging and transactional management.
* DB2 database is used to load the application data and write PL/SQL procedures, and complex queries to perform various data operations.
* Wrote Hibernate Criteria queries for data retrievals and performed the ORM mappings to map java entities to database tables.
* Experience with OOP frameworks and libraries such as Spring and Hibernate.
* We kept up the bean life cycle by utilizing Spring IOC which keeps up session information of beans.
* Implemented persistence layer using Hibernate that uses the POJOs.
* Configured multiple data sources using Hibernate Session Manager.
* Developed Spring Batch processes for financial reporting applications.
* Message broker services are achieved in the application using Active MQ with the JMS framework.
* Implemented Spring Dependency Injection (IOC) feature of spring framework to inject beans into User Interface and AOP for Logging.
* Configured Jenkins to handle application deployment in Pivotal Cloud Foundry (PCF) server and to integrate with Git Hub version control.
* Build a CI/CD pipeline using Jenkins automation and GitHub repositories using the webhooks plugin.
* JIRA tool for project management is used in the application to track bugs, issues, and project management functions.

Environment: Angular JS, HTML5, CSS3, AJAX, Bootstrap, JSON, XML, JMS, Hibernate, DB2, JPA Framework, Spring Rest, Spring MVC, Spring Security, Hibernate, Spring Transactions, Spring Batch, Spring IOC, Jenkins, Git, DB2, Jenkins, JIRA.