SUBRAHMANYAM JETTI

Software Developer

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PROFESSIONAL SUMMARY:

- **I have 2+ Years** of experience in **Software Development Life Cycle (SDLC)** including requirements gathering, design, programming/testing, and implementation of major systems.
- Strong experience in developing web-based applications using Java, JEE/J2EE, **Hibernate, Spring, Web Services like SOAP, RESTful services, MVC frameworks like Spring MVC, and databases** like **MySQL.**
- Proficient in Core Java and implementing concepts like **OOPs**, **Multithreading, Concurrency, Exception Handling, File handling, IO, Generics, and Java Collections** in various projects.
- Good Knowledge of UI development skills using scripting languages like **JSP, HTML5, CSS3, JavaScript,** and its libraries.
- Experience in implementing microservices using **Spring, and Spring Boot** using various modules like **Spring Core, Spring IOC, and Spring DAO**.
- Experience in developing **RESTful Services** and **SOAP-based Web Services.**
- Have worked on Databases like **MySQL, PL/SQL,** and **stored procedures**.
- Expertise on servers using **Apache Tomcat & HTTP Server, Web Sphere, WebLogic & JBOSS** Application server.
- Solid understanding of source controllers like **GIT, CVS, Bitbucket and SVN.**
- Coordinated with the team for analysis and requirement gathering in Agile methodology.
- Proficient experience in using Java development IDEs like **IntelliJ, and Visual Studio**.
- Expertise in Unit testing using **JUnit & Mockito, Integration testing**.
- Worked with **Jenkins under the CI/CD pipeline** providing continuous improvement to Agile software development teams.
- Good experience in writing **Test Case Scenarios using Junit and Mockito.**

Educational Details

- ✓ Masters in Computer and Information Science, Southern Arkansas University, Magnolia City, May 2023
- ✓ Bachelor's in Electrical and Electronics, Andhra University, April 2019

TECHNICAL SKILLS:

Languages	JAVA
Frameworks & Tools	Spring (Dependency Injection, Spring MVC, Spring Core, Spring Context, Spring AOP, Spring DAO, Spring IOC, Spring with Hibernate), Hibernate, Struts
Web/Application Servers	WebLogic, WebSphere, Apache Tomcat, JBoss
Web Technologies	HTML/HTML5, CSS/CSS3, JSP
Version Control Systems	GIT, SVN, CVS
Testing	Junit, Mockito
Database Environments	MySQL
Build Tools	Maven
Tools	SQL Developer, DB Visualizer, Visio
Continuous Integration	Jenkins
IDE's	IntelliJ, Visual Studio
Operating Systems	Windows, Linux
Cloud Technologies	AWS

PROJECTS

Java Spring Boot Application

- Implemented responsive web-based Spring boot application and service layer using Spring IOC, annotations, and Controllers using Spring MVC.
- Implemented DAOs, and entities using JPA.
- Implemented persistence layer using Custom DAOs to handle CRUD operations.
- Used Spring Boot at the back end which helps to develop applications with ease.
- Developed the RESTful APIs dynamically using Java, and Spring MVC to support XML and JSON response formats.

Remote Bus Ticketing System (HTML, CSS, Python, SQL, AWS, EC2, Lambda function) *(Aug 2022 – Dec 2022)*

- Developed a user-friendly Remote Bus Ticketing System using Java and Spring Boot, enabling remote booking and management of bus tickets.
- Collaborated with a cross-functional team to design and develop intuitive front-end interfaces using HTML, CSS, and JavaScript.
- Deployed the system on cloud platforms like AWS, GCP, and Microsoft Azure for high availability and scalability.
- Ensured data integrity and enhanced user experience through robust error handling and data validation mechanisms.

EXPERIENCE (JAVA DEVELOPER)

EION Technology Pvt Ltd, Hyderabad, India   **July 2019 – Nov 2021**

- Used **Agile** methodologies to plan work for every iteration and used continuous integration tools to make the build passes before deploying the code to other environments.
- Involved in various **SDLC** phases like requirement **gathering, Design, Analysis, and Code development.**
- Developed the application using **Spring Framework Model View Controller (MVC)** architecture.
- Used a microservice architecture, with Spring Boot-based services interacting through a combination of REST. Used **Microservice architecture** with **Spring Boot-based** services interacting through a combination of **REST** and **Apache Kafka** message brokers.
- Connect Web API to Angular using HTTP call and design **GET, POST, PUT, and DELETE** for Web API.
- Involved in the day-to-day handling of **JIRA** issues (production issues at the time) that involved data inconsistencies that required to be solved in very little time.
- Developed API using **Hibernate** to interact with the Oracle database.
- Integrated **Spring Security** to manage user registration and login.
- Developed **RESTful Web services** client to consume **JSON messages using Spring Boot configuration.**
- Implementation of domain-based classes providing basic properties using **Spring Data.**
- Used **Spring Data JPA** (Java Persistence API) framework and IPA Specification criteria builder to work with dynamic queries in Java.
- **Spring MVC Framework IOC** (Inversion of Control) design pattern is used to have relationships between application components. It is also used to separate the application configuration and **dependency specification**.
- Used **Maven** as a build tool and retrieved all the dependencies required for the application. Extensively used the core concepts of Java such as **Stream API, and Multithreading. Exception handling and Collections for business logic development.**
- Involved in Bug fixing of various modules raised by the application's testing teams during the **Integration testing phase.**
- Utilized **Git Version Control** system and **GitLab CLI** for the **CI/CD**.
- Worked with **IntelliJ** and used **the Gradle** build tool to achieve more functionality for the build process.

Environment: Java, J2EE, HTML, CSS, JavaScript, Spring (IOC, MVC, Security), Spring Boot, Hibernate, DAO, XML, SOAP UI, Web Services, Restful, SOAP, Maven, SQL.