

Shubham Kumar

JAVA DEVELOPER

shubhamjhaa682@gmail.com

+918660157653

Profile

Results-oriented Java Developer with 3.4 years of experience. Skilled Java Developer with a proven track record of success. A Strong Java Developer with a passion for learning and staying up-to-date. Motivated Java Developer with a proven ability to deliver high-quality software

Work Experience

Role:Java Backend Developer Company name: Asiaa Data Pvt Ltd total Years Of Experience-3.2Years
Rigel Network

Hands on Experience

- **JAVA:** I have extensive experience in Java programming, including object oriented programming, design Patterns, and Unit Testing. I am proficient in using the Java 8, API and I am familiar with the Java ecosystem. **J2EE:** I have experience in developing J2EE applications using frameworks such as Spring Boot and Hibernate ORM. I am familiar with the MVC architecture. **Hibernate-ORM:** I have extensive experience using the Hibernate ORM JPA framework to seamlessly map(one- to- one, many-to-many, one-to-many, many-to- one) and interact between Java objects and relational databases. **Spring MVC:** I am proficient in developing web applications using the Spring MVC framework. This framework follows the Model-View-Controller architecture, which makes it easy to develop modular and maintainable applications. **OOPS:** Used object oriented programming design pattern to implement code for reusability of code. **Spring Security:** I have strong expertise in implementing secure authentication and access control mechanisms using Spring Security. This framework allows me to protect Java-based applications from unauthorized access. **JWT Token:** I am skilled in implementing JWT token-based authentication and authorization mechanisms. This type of token-based authentication is secure and stateless, which makes it ideal for communication between client and server. **SQL:** I am proficient in working with SQL. I can perform complex database operations and optimize queries for efficient data retrieval and manipulation.
- **Rest APIs:** I have extensive experience in designing and developing RESTful APIs- REST, SOAP, JSON, XML. These APIs allow for seamless communication and integration between different systems. I follow industry best practices when designing and developing RESTful APIs.
- **Maven :** Build Java applications using Maven and downloaded dependency. **Git and GitHub:** I have experience using Git for version control and GitHub, and shared code with teams via GitHub. **Unit Testing :** Used Popular Junit testing framework for unit testing. **Logging:** Proficient in utilizing logging frameworks such as Log4j, Logback, and SLF4J to capture and analyze application logs. **Postman:** I have used for API development and testing, as it simplifies the process of working with APIs and ensures the reliability and functionality of web services.

Project

PROJECT - Flyin.com **DURATION**-3+ years **TEAM SIZE**-7 **TECHNOLOGY**- JAVA 8, J2EE, Web Services, Rest API- REST, JSON ,SOAP, SPRINGBOOT, HIBERNATE, MYSQL, SPRING SECURITY/ JWT TOKEN, SQL, JUNIT, MAVEN, AGILE METHODOLOGY
TOOLS USED-Intellij idea,Postman,MySQL

About Project

This project showcases my expertise in Java development, Spring Boot, Hibernate, web services, REST APIs, and other relevant technologies. It also demonstrates my proficiency in working with databases, implementing security measures, and following Agile practices for efficient project management.

Assigned Responsibility

- Implemented **RESTful Web Services**- REST, SOAP to facilitate communication between various modules of the application.
- Utilized **Java 8** to implement core functionalities and take advantage of its new features.
- Employed **J2EE** technologies for building robust enterprise-grade applications.
- Leveraged **Spring** and **Spring Boot frameworks** for **dependency injection**, transaction management, and rapid application development.
- Integrated **Hibernate** as the **ORM** tool for mapping Java objects to the relational database, ensuring data persistence.
- Implemented **JSON/XML** data formats for smooth data exchange between the client and server.
- Utilized **JPA/ORM** to interact with the database and manage the object-relational mapping.
- Utilized **Spring MVC** framework to achieve a clear separation of concerns between the **model, view, and controller** components.
- Integrated **Spring Security** to enforce user **authentication** and **authorization**, ensuring secure access to resources.
- Implemented **JWT Token-based authentication** for stateless and secure communication between the client and server.
- Designed and optimized **SQL** queries to interact with the underlying database efficiently.
- Implemented **Rest APIs** for seamless communication with the database and other services.
- Conducted thorough **unit testing** to ensure the reliability and correctness of the developed modules.
- Utilized **Postman** for API testing and validation.
- Maintained comprehensive documentation of the codebase and APIs for better understanding and collaboration among team members.
- Spring Validation: To check the data is valid or not I used **Spring validation** and also used **Pagination** concept.
- Exception Handling- Create **custom Exception** according to our requirement and handle that by using **@RestControllerAdvice** annotation.
- Data Modeling: Designed entity classes using **Hibernate JPA** annotations and utilized **Lombok** for code reduction and improved code readability.
- DTO Mapping : Created DTO classes for data transfer and implemented mapping between DTOs and Entity classes using **Model Mapper**.
- Developed and maintained repository layer, implementing data access operations and queries using **Spring Data JPA**.
- Service Layer : Implemented the Service layer for handling business logic.
- API Testing : Performed API testing using **Postman** and **JUnit**.
- Database Management : Utilized **MySQL** as the database management system for storing data and performed **CRUD** operations using JPA.
- Integrated **SMS** and **payment** gateway services to provide enhanced functionality and improve the overall user experience.

Education

Technocrats Institute Of Technology And Science

- Bachelor of Technology in Computer Sceince And Engineering

Skills

- | | | |
|---------------------|-------------------|----------------------|
| • Core Java | • WebServices | • REST APIS |
| • J2EE | • JSON/XML | • POSTMAN |
| • OOPS | • ORM | • SQL |
| • Java 8 | • Spring MVC | • MongoDB |
| • Spring Boot | • Spring Security | • CSS HTML |
| • Hibernet | • JWT Token | • Java Script |
| • Unit Testing | • Agile | • Type Script |
| • Spring Validation | • Maven | • MicroService
es |

Tools

- | | | |
|-----------|-----------------|-------------------|
| • Ecllips | • Postman | • MySQL WorkBench |
| • STS | • IntelliJ Idea | • Git and Github |

Language

- | | |
|-----------|---------|
| • English | • Hindi |
|-----------|---------|

Declaration

I hereby declare that the above mentioned information is correct up to my knowledge, and I bear the responsibility for the correctness of the above mentioned particulars.

Signature:-Shubham Kumar