

## About Me

Passionate and adaptable Java Software Engineer with 3+ years of experience seeking challenging opportunities to contribute to the success and growth of a reputable IT company. Proven ability to design, develop, and implement backend systems using Java, Spring Boot, Microservices, and APIs. Possess strong teamwork, problem-solving, and communication skills. Eager to learn and grow within a dynamic and collaborative environment.

## Contact

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Bengaluru, India

## Technology

- Core Java
- SpringBoot
- Hibernate JPA
- SQL
- MYSQL
- RestFul API
- Stream API(Lambda)
- Microservices
- Spring Security
- Agile Scrum Process
- Git and Github
- AWS
- Postman
- MongoDB
- Nodejs
- JavaScript
- Postgresql
- Angular

## Language

- English
- Hindi

# Khushboo Kumari

Java Software Engineer  
@3 years 9 months of  
experience

## Experience

KINFOTECH PVT LTD || 2020-PRESENT

*Java Software Engineer*  
*Bengaluru*

- Engineered and implemented a scalable Microservices architecture, significantly elevating system performance.
- Crafted and optimized RESTful APIs in adherence to industry best practices, driving efficiency in application development.
- Implemented robust security measures, including JWT-based authentication, to ensure secure communication among services.
- Collaborated effectively on Git-based version control, enhancing team collaboration and project efficiency. Demonstrated proficiency in Agile Software methodologies, consistently delivering high-quality results.
- Championed the creation and maintenance of software automation and deployment processes on AWS, contributing to a streamlined and reliable deployment pipeline.

## Projects

- Wanderu Bus Application

## Duration

- 3 years

## Description

As a Java Software Engineer, I spearheaded the development and maintenance of the Wanderu Bus Application: Designed and maintained a cutting-edge Bus Booking mobile application featuring a user-friendly interface, enabling seamless reservation and cancellation of bus tickets. Implemented secure payment gateways to optimize user experience and ensure the safety of transactions. Successfully integrated real-time tracking features, providing users with live bus location updates for enhanced convenience. Utilized robust data validation techniques to guarantee the accuracy of user inputs, contributing to a reliable and error-free application. Enhanced app functionality by incorporating responsive design principles, ensuring optimal performance across various devices. Collaborated closely with cross-functional teams to continuously refine and expand app features, resulting in heightened user satisfaction.

## Contribution

- **Established a robust development environment on local machines, ensuring seamless collaboration and efficient coding practices.**
- **User Requirement Understanding:**
- **Engaged in comprehensive discussions with stakeholders to grasp and refine user requirements, contributing to the project's success.**
- **Implemented the Spring MVC architecture, providing a structured and organized foundation for the project.**
- **Developed Controller, Service, Entity, and Repository layers, ensuring a clear separation of concerns and maintainability.**
- **Designed and implemented REST API endpoints using Spring Boot, enhancing the project's scalability and interoperability.**
- **Integrated Hibernate JPA for Object-Relational Mapping, optimizing database interactions and enhancing data management.**
- **Conducted thorough API testing using Postman, ensuring the reliability and functionality of developed endpoints.**
- **Integrated email and SMS services, enhancing user communication and engagement within the application.**
- **Successfully integrated a sandbox account for the payment gateway, facilitating secure and seamless transactions.**
- **Implemented ticket generation using the iText PDF library, enhancing the user experience with visually appealing and informative PDF tickets.**
- **Spring Profiles and AWS Deployment:**
- **Utilized Spring profiles for environment-specific configurations and deployed the application to the AWS QA environment, ensuring smooth transitions between development and testing phases.**
- **Implemented Spring Security for robust authentication and authorization, safeguarding the application against unauthorized access.**
- **Generated comprehensive API documentation using Swagger, facilitating seamless integration for other developers and teams.**
- **Implemented effective exception handling strategies, ensuring graceful error recovery and enhancing the overall stability of the application.**
- **Data Validation with Spring Validation Library:**
- **Employed the Spring Validation library to perform data validation, enhancing data integrity and user input validation.**
- **Implemented JWT token authentication for Spring, bolstering security measures within the application.**

## Skills

- Proficient in java with hands on experience in building robust & scalable applications
- In depth Exposure to **Oop's Concept & core java Features.**
- Proficient in using **Stream API** and utilizing **Lambda** expressions in Java.
- Hands on experience on developing **Microservices using Spring Boot.**
- End to End integration experience of **Microservices** with front end system.
- Knowledge of backend components such **Spring Framework, Spring Boot or any other MVC architectures.**
- Extensive experience in developing **Restful Apls** using **Spring Boot**, ensuring rapid and efficient application development.
- Expertise in utilizing **Spring Boot annotations.**
- Proven track record in designing and implementing **RESTful APIs**, adhering to industry best practices for web services.
- Skillful in handling **HTTP methods**, status codes and various request/response formats, including **JSON.**
- Strong proficiency in **Hibernate** for efficient **Object-Relation Mapping (ORM)** in java applications.
- Experience with **Hibernate annotations**, entity relationships, and Hibernate **Query Language (HQL).**
- Skilled in relational database management, including the **design and optimization of database schemas.**
- Proficient in working with databases such as **MYSQL And PostgreSQL.**
- Proficient in using **Git** for version control, with expertise in branching, merging and collaborative development.
- Experienced in writing comprehensive **unit tests using Junit.**
- Skilled in creating clear concise documentation for **APIs using swagger.**
- Proficient in developing dynamic web pages using **JSP** for server-side rendering.
- Skillful in integrating JSP with java components for creating interactive and data-driven **web applications.**
- Hands-on experience in Servlet programming for handling HTTP requests and producing dynamic web content.
- Proficient in **managing session** handling and servlet lifecycle for building java-based web applications.
- Expertise in implementing security measure in Spring applications using **Spring Security.**
- Proficient in authentication and authorization mechanisms, including the integration of custom authentication providers
- Skilled in implementing **JWT- based** authentication and authorization for secure communication between services.
- Experience in generating, decoding and validating **JWT tokens** for user authentication

## Awards

- **Best Employee Award for March 2023**
- **Associate Software Engineer Completion Certificate**
- **Internship Certificate**

## Certification

- **HackerRank Certified Java (Basic)** : Successfully completed the HackerRank Java (Basic) certification, demonstrating proficiency in fundamental Java programming concepts and practices.
- **HackerRank Certified SQL (Basic)** : Attained the HackerRank SQL (Basic) certification, showcasing a solid understanding of fundamental SQL queries and database management skills.