

# AMRIT GYAWALI

## JAVA DEVELOPER

### CONTACT

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### SKILLS

JAVA  
J2EE  
SPRING BOOT  
HIBERNATE  
REST API  
AWS  
AGILE  
GIT AND GITHUB  
MICROSERVICES  
HTML  
SPRING SECURITY

### EDUCATION

#### Bachelor Of Engineering

Visvesvaraya Technological University

Shridevi Institute Of Engineering  
and Technology  
C.S.E - 7.9 cgpa

+2

Kalika Higher Secondary School

### PROFESSIONAL PROFILE

Experienced Java Full Stack Developer with 3.2 years in designing and implementing robust Java applications. Proficient in Java 8, Spring Boot, Hibernate, and AWS, with a strong foundation in OOPs concepts. Dedicated to ensuring code quality, scalability, and reliability. Seeking to contribute expertise to your company's success.

### EXPERIENCE

#### Java Developer

Borqs Software Solutions Pvt Ltd • Nov 2020 – recent

- Developed and maintained Java-based applications using Java 8 and OOPs concepts.
- Utilized Spring Boot to design and implement RESTful web services and REST APIs.
- Leveraged Hibernate and JPA for seamless objectrelational mapping and database interactions.
- Designed and optimized relational database structures to ensure efficient data retrieval and manipulation.
- Collaborated with cross-functional Agile (Scrum) teams to deliver high-quality software solutions
- Implemented various components like controller layer, service layer, service implementation, repository, and payload layer to ensure a modular and maintainable codebase.
- Deployed applications on AWS cloud services to ensure scalability and reliability.
- Utilized Git and GitHub for version control and collaboration with other team members.
- Conducted unit testing using JUnit and integrated testing using Postman to ensure the quality of the codebase.
- Deployed applications on Apache Tomcat server and monitored application performance.
- Worked with Servlets and HTML to develop dynamic web pages and user interfaces.
- Implemented JSTL in JSP pages to improve code readability and promote separation of concerns.
- Implemented microservices architecture using Spring Cloud to enhance scalability and fault tolerance
- Implemented security measures such as OAuth2 authentication and JWT tokens to secure RESTful APIs and prevent unauthorized access.
- Collaborated with frontend developers to integrate backend APIs with frontend frameworks like AngularJS and ReactJS.

## PROJECT

### MEGABUS

3.2 years

MegaBus, a sophisticated bus booking platform crafted with Java, leverages a robust stack including Spring Boot, Hibernate, microservices architecture, and AWS infrastructure. This cutting-edge solution empowers administrators with streamlined bus management capabilities while affording users a refined booking experience through advanced search functionalities. Security is paramount, ensured by Spring Security and JWT token integration, while REST APIs facilitate seamless communication between front-end and back-end systems. The platform's integration of email and SMS notifications, secure payment gateways, and rigorous quality assurance measures attest to its commitment to delivering a secure, reliable, and efficient booking environment. MegaBus epitomizes technological innovation in the bus travel sector.

## LANGUAGES

- English
- Hindi
- Kannada

## TOOLS

IntelliJ IDEA

MYSQL WORKBENCH

POSTMAN

ECLIPSE

VSCODE

STS

JIRA

## MY CONTRIBUTION

### MEGABUS PROJECT

- Designed and implemented a module for adding bus details, allowing administrators to input and manage bus information efficiently.
- Developed a search functionality that enables users to find available tickets based on their preferred routes, dates, and seat availability
- Implemented a signup feature to enable new users to create accounts and added functionality to send email notifications with ticket details upon successful booking.
- Integrated a blog feature for users to access travel-related articles, and incorporated information about nearby places of interest to enhance the overall travel experience.
- Developed REST controllers and corresponding service implementations for seamless communication between the front-end and back-end, ensuring efficient data retrieval and processing.
- Implemented Spring Security to ensure secure authentication and authorization, utilizing JWT tokens for enhanced security.
- Bug Fixing and Quality Assurance: Conducted rigorous testing, identified and resolved bugs to ensure a stable and reliable application.
- Implemented Spring validation for user input, ensuring data integrity. Developed sign-up and sign-in functionality to manage user accounts securely.
- Configured application files, including properties and database settings. Implemented pagination for optimized data retrieval and improved user experience.
- Implemented robust exception handling mechanisms to handle errors gracefully. Integrated SMS services for sending important notifications and updates to users.
- Integrated payment gateways for secure and seamless online transactions.
- Deployed the application on AWS (Amazon Web Services) cloud platform, utilizing different Spring profiles for efficient management of application environments.
- Integrated email services to send automated notifications and updates to users.
- Utilized Model Mapper to efficiently map and transform data objects. Implemented report generation in PDF and Excel formats for various business needs.
- Implemented mapping in Hibernate to ensure seamless interaction with the database. Utilized Java 8 features and enhancements to write cleaner and more concise code.
- Implemented OTP(One Time Password) functionality to enhance security during user authentication.