

## Lavan Bharatha

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### Summary

- 2+ years of professional experience in the Software Development Lifecycle (SDLC).
- Hands-on experience in developing RESTful APIs and integrating backend services using Spring Boot.
- Experience in building responsive web applications using Angular 18, HTML5, CSS, Bootstrap 5, and JavaScript.
- Proficient in version control systems, particularly Git, for managing source code and collaborating with teams.
- Experience in working with Microservices architecture and implementing backend services using Spring Boot.
- Strong knowledge of MySQL, including database design, writing optimized queries, and managing relational data using JPA/Hibernate.
- Experience in deploying applications on Apache Tomcat and working with cloud-based environments.
- Hands-on experience with IDEs like Spring Tool Suite (STS) and Visual Studio Code (VSCode) for efficient development.
- Familiar with AI technologies, including ChatGPT and DeepSeek AI, for enhancing software development workflows and automation.
- Strong problem-solving skills, ability to work in a team-oriented environment, and effective communication with stakeholders.

### Education

#### Bachelors in Civil Engineering

Kakatiya University of Engineering and Technology | GPA: 7.5

#### Diploma in Civil Engineering

Government Polytechnic, Masab Tank | Percentage: 88%

### Technical Skills

Programming Languages: Java

Frontend Technologies: HTML, CSS, Angular18 and Bootstrap5

Backend Technologies: Spring Boot

Databases: MySQL

Version Control: GIT, GitHub

Operating System: Windows 10/11

### Projects

#### Car Management Website:

- Developed a Responsive web application using Spring Boot for the backend and HTML/CSS/Angular/Bootstrap for the frontend where you can buy, sell and rent cars.
- Implemented RESTful APIs to manage car data, including images and features, stored in MySQL.
- Integrated Postman for API testing and ensured fine data retrieval in the frontend.
- Designed and integrated custom Angular components and services for managing car listings, user input forms, and real-time data updates.

## Work Experience

**Role: Java Full Stack Developer**

**(March 2023 – Present)**

### **Project : T-Mobile**

- Developed multiple reusable modules and components in Angular 18 using reactive forms, custom directives, and pipes to enhance UI functionality and maintainability.
- Integrated Spring Boot RESTful APIs with Angular frontend, implementing routing, lazy loading, and RxJS observables for efficient state management.
- Created dynamic and responsive user interfaces using Bootstrap 5, Angular Material, and Angular Flex Layout to ensure a seamless user experience across devices.
- Built secure authentication and authorization flows using JWT tokens, implementing role-based access control on both frontend and backend.
- Developed robust backend services using Spring Boot, exposing REST APIs with proper exception handling using `@ControllerAdvice` and global error responses.
- Designed relational schemas and integrated MySQL database with JPA and Hibernate for efficient ORM, optimizing queries with indexes and native queries.
- Utilized Lombok for cleaner code, reducing boilerplate in entity and DTO classes.
- Employed Spring Security to secure backend APIs, applying JWT validation mechanisms.
- Tested and documented APIs using Postman and Swagger, ensuring contract clarity and ease of collaboration.
- Maintained clean logging using SLF4J and Logback, with meaningful messages for troubleshooting and production support.
- Deployed backend services to Apache Tomcat, created WAR builds, and configured environments using `application.properties`.
- Used Git and GitHub for version control and collaboration in Agile environment, participating in sprint planning, reviews, and daily stand-ups.
- Connected Angular frontend to backend asynchronously using `HttpClient` with interceptors for token management and error handling.
- Collaborated closely with UI/UX teams to translate wireframes into interactive web interfaces, following responsive design principles.
- Followed SOLID principles and wrote reusable utility classes for common backend functionality.
- Managed backend configurations for multiple environments and built services with Maven for dependency and lifecycle management.
- Conducted peer code reviews and ensured high code quality through consistent formatting, best practices, and documentation updates.

## Strengths

- Good leadership qualities
- Flexible and adaptable
- Quick learner
- Communicates effectively

## Personal Details

Name: Bharatha Lavan Kumar

Date of Birth: 9th May 2002

Languages Known: English, Telugu, Hindi

Hobbies: Reading books, Listening to music