

# Vasumitha M

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## Summary

Motivated Java and Front-End Developer skilled in Core Java, Spring Boot, HTML, CSS, JavaScript, and React. Experienced in building REST APIs and responsive web applications with strong knowledge of OOP and MVC architecture. Quick learner with strong problem-solving skills, eager to contribute to software development.

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## Technical skills

**Front-End:** HTML5, CSS3, JavaScript, Bootstrap, React (Basic)

**Back-End:** Java, Spring Boot

**Database:** MySQL

**Developer Tools:** Visual Studio Code, IntelliJ IDEA

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## Core Skill

- Object-Oriented Programming (OOP), Data Structures & Basic Algorithms, RESTful API Development, MVC Architecture, CRUD Operations, Responsive Web Design, Problem-Solving & Analytical Thinking, Debugging & Code Optimization
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## Education

**Bachelor of Engineering in Electronic and Communication Engineering Mahendra Engineering College, Salem | Feb 2021-2025 |**

- CGPA: 8.14

**Secondary School Leaving Certificate (HSC) | Rasipuram | 2021 |**

Government higher Secondary School

- Final Percentage: 78%
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## Projects

### Bus Reservation System (Java, OOP)

- Developed a console-based application to manage bus ticket booking and passenger records.
- Implemented functionalities such as seat booking, cancellation, and search operations.
- Applied OOP principles (inheritance, encapsulation) for modular and scalable design.
- Ensured efficient data handling and user-friendly interaction.

### Hospital Management System (Java, Spring Boot, REST APIs, Postman)

- Built a role-based web application for managing hospital operations using Spring Boot.
- Designed and implemented RESTful APIs for handling doctor, patient, and prescription data.
- Performed CRUD operations with proper request handling and validation.
- Tested APIs using Postman to ensure reliability and performance.

### Coffee Shop Website Development (HTML5, CSS3, JavaScript)

- Developed a responsive coffee shop website using HTML, CSS, and JavaScript with features like menu display, contact form validation, and dynamic UI elements, ensuring smooth user experience across devices.
  - Designed interactive UI using CSS animations and JavaScript DOM manipulation.
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## Courses and Certifications

- Completed Java Full Stack Development course with strong focus on Front-End technologies.
- Hands-on experience in building basic web pages and user interfaces.