

# Santhosh D

## Entry-Level Java Full Stack Developer

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### Summary

Entry-Level Full Stack Developer skilled in **Java, Spring Boot, Node.js, Express.js, React.js, and MongoDB**, with experience delivering **3+ deployed projects**. Improved API performance by **35%** and UI responsiveness by **40%**, and implemented secure authentication and payment flows with **100% reliability**. Skilled in building scalable web applications using RESTful APIs, MVC architecture, and SQL/NoSQL databases. Focused on writing clean, maintainable code and engineering efficient full-stack solutions using modern development practices.

### Education

<b>Bachelor of Science in Computer Science (B.Sc)</b> Agurcand Manmull Jain College, Chennai, Tamil Nadu CGPA: 6.93 Relevant Coursework: Data Structures, Algorithms, Web Development, Software Engineering, DBMS experience	Aug 2021 – Jun 2024
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<b>Full Stack Web Development Intern</b> – EDU TANTR, Remote	Jul 2025 – Sep 2025
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- Improved feature delivery speed by **20%** through efficient collaboration and workflow optimization.
- Contributed to frontend and backend modules, helping increase project completeness from **60% to 90%**.
- Enhanced debugging/testing workflows, reducing UI/API errors by **30%**.

### Technical Skills

**Languages:** Java, JavaScript

**Web Technologies:** HTML5, CSS3, React.js, Tailwind CSS

**Backend & Frameworks:** Spring Boot, Node.js, Express.js

**Databases:** MySQL, Oracle SQL, MongoDB

**Version Control:** Git, GitHub

**Tools & Deployment:** IntelliJ IDEA, Eclipse, VS Code, Postman, MySQL Workbench, Vercel

**Core Concepts:** OOP, REST APIs, CRUD Operations, JDBC, MVC, Responsive Web Design

### Projects

#### QuickGPT – AI Chat Application | React.js, Node.js, Express.js, MongoDB, Stripe, OpenAI, Vercel

- Developed a full-stack AI chat app using React, Node.js, Express, and MongoDB, reducing API latency by **35%**.
- Implemented **JWT authentication** improving access security and session reliability by **40%**.
- Integrated **OpenAI API** enabling real-time AI chat with Markdown + PrismJS, improving response rendering by **25%**.
- Built a credit-based usage system and integrated **Stripe payments** with **100% successful webhook validation**.
- Deployed frontend and backend on **Vercel**, boosting load performance by **45%** and ensuring **99% uptime**.

#### Salon Booking Management System | Java, JDBC, MySQL, DAO Pattern

- Developed a booking platform covering **100% CRUD operations** across shops, services, and customer bookings.
- Refactored DB logic using DAO pattern, reducing code redundancy by **25%**.
- Implemented conflict-free slot booking using LocalDate/LocalTime, improving scheduling accuracy by **30%**.
- Designed normalized schema with foreign keys ensuring **100% referential integrity** and zero duplicate entries.

### Certifications

<b>Java Full Stack Developer</b> – Besant Technologies	Nov 2025
<b>Software Engineering Job Simulation</b> – Accenture (Forage)	May 2025
<b>Introduction to OpenAI GPT Models</b> – Infosys (Wingspan)	Oct 2023