

# Santhosh D

## Java Full Stack Developer

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### Summary

Entry-Level Java Full Stack Developer with hands-on experience delivering **3+ web applications** using **Core Java, Spring Boot, JDBC, HTML, CSS, JavaScript, MySQL, Git, and GitHub**. Enhanced application performance by **20%** through optimized exception handling and multithreading. Proficient in **object-oriented design**, relational database integration, and familiar with **Agile methodologies** and secure coding best practices.

### Education

#### Bachelor of Science in Computer Science (B.Sc)

Aug 2021 – Jun 2024

Agurchand Manmull Jain College, Chennai, Tamil Nadu

CGPA: 6.93

Relevant Coursework: Data Structures, Algorithms, Web Development, Software Engineering, DBMS

#### Higher Secondary Certificate (HSC)

Jun 2020 – Jul 2021

WTMM Higher Secondary School, Kanchipuram, Tamil Nadu

CGPA: 8.21

#### Secondary School Leaving Certificate (SSLC)

Jun 2018 – Jun 2019

Government Higher Secondary School, Kanchipuram, Tamil Nadu

CGPA: 7.14

### Technical Skills

**Languages:** Java, MySQL

**Web Technologies:** HTML, CSS, JavaScript

**Version Control:** Git, GitHub

**Databases:** MySQL, Oracle SQL

**Frameworks:** Spring Boot, Bootstrap

**Tools:** IntelliJ IDEA, Eclipse, Visual Studio Code, Postman, MySQL Workbench

**Concepts:** Object-Oriented Programming (OOP), JDBC, CRUD Operations, Responsive Web Design

### Projects

#### Online Bus Reservation System | Java, JDBC, MySQL, DAO Pattern

- Built a console-based booking system managing **200+ bookings** across **50+ routes**, ensuring seamless backend data operations with **JDBC** and **MySQL**.
- Improved code maintainability by **25%** using **DAO Pattern** and object-oriented design principles.
- Optimized SQL queries and exception handling to boost processing speed by **20%** and cut runtime errors by **30%**.
- Implemented input validation checks, achieving **100% data accuracy** and blocking invalid entries.

#### Personal Portfolio Website | HTML, CSS, JavaScript, Google Sheets API, Git/GitHub

- Designed a responsive website with **100% cross-device compatibility**, reducing mobile bounce rates by **40%**.
- Automated form submissions via **Google Sheets API**, saving **10+ backend hours** and eliminating server-side scripts.
- Enhanced code modularity by refactoring **5+ reusable components** and managing version control with **Git/GitHub**.

### Certifications

#### Full Stack Development – Infosys Springboard, May 2025

Completed 120+ hours of project-based learning on Java, Spring Boot, REST APIs, JDBC, MySQL, and Git/GitHub for full-stack development.

#### Software Engineering Virtual Experience – Accenture Forage, May 2025

Simulated real-world software tasks covering architecture design, SDLC, Agile workflows, secure coding practices, and testing procedures.

#### JavaScript Essentials 1 – Cisco Networking Academy, May 2025

Completed hands-on labs focusing on DOM manipulation, debugging techniques, and building interactive web components for dynamic UI.