

SURYA TEJA RABBA

Java Full Stack Developer

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PROFESSIONAL SUMMARY

Java Full Stack Developer with hands-on experience in end-to-end web application development using **Core Java, JDBC, Servlets, JSP, MVC Architecture, SQL, MySQL, HTML5, CSS3**, and JavaScript. Architected and delivered 2 enterprise-grade multi-tier projects — a full stack food delivery platform and a multi-role hospital management system — applying **MVC + DAO design patterns, role-based security, session management**, and relational database design. Completed intensive Java Full Stack Development internship at Tap Academy, Bengaluru, following industry-standard Agile practices. B. Tech graduate (CGPA: 8.51) seeking an entry-level Java Developer or Software Engineer role.

TECHNICAL SKILLS

Programming Languages: Core Java (OOPs, Exception Handling, Multithreading)

Backend Technologies: Servlets, JSP, JDBC, MVC Architecture, DAO Pattern, CRUD Operations, Session Management

Frontend Technologies: HTML, CSS, JavaScript, Responsive Web Design

Database: SQL, MySQL, Relational Database Design, MySQL Workbench

Tools and IDEs: Eclipse, VS Code, Git, GitHub

Methodologies: Agile Development, Full Stack Development, Problem Solving, Debugging, Software Development Lifecycle

EDUCATION

B. Tech – Electrical and Electronics Engineering

2022 – 2025

Chadalawada Ramanamma Engineering College, Tirupati | CGPA: 8.51 / 10

PROJECTS

FoodieHub — Online Food Delivery Web Application

2026

Core Java, JDBC, Servlets, JSP, JEE, HTML5, CSS3, JavaScript, MySQL

<https://github.com/Surya63023/FoodieHub-Online-Food-Delivery>

- Designed and delivered a **multi-tier full stack web application** spanning frontend (HTML5/CSS3/JS), backend (Servlets/JSP), and database (MySQL) layers, demonstrating complete end-to-end system design and full stack development capability.
- Architected a **MySQL relational database schema** for 5+ entities (users, restaurants, menus, orders, order items) with referential integrity constraints, foreign key relationships, and optimized CRUD operation performance.
- Engineered backend business logic using **Servlets + JSP** for HTTP request handling, session lifecycle management, user authentication, and dynamic page rendering across all application modules.
- Integrated **JDBC** for secure database connectivity; implemented parameterized queries to prevent SQL injection and ensure reliable data flow between frontend and MySQL database layers.
- Applied **MVC architecture** to cleanly decouple presentation, business logic, and data access layers — improving maintainability, reducing coupling, and enabling independent module scaling.

Hospital Management System — Enterprise Java Full Stack Application

2026

Core Java, JSP, JDBC, Servlets, JEE, HTML5, CSS3, MySQL, Apache Tomcat

<https://github.com/Surya63023/hospital-management-system-java-full-stack-project>

- Architected an enterprise-grade multi-role Hospital Management System spanning **8 functional modules**: authentication, doctor management, patient management, department management, appointment scheduling, prescription management, medical reports, and audit logging.
- Implemented layered **MVC + DAO pattern** with 8 DAO interfaces and 8 DAOImpl classes, fully decoupling Presentation (JSP), Controller (Servlets), Data Access (DAO), and Model (POJO) layers for 100% modular, maintainable architecture.
- Engineered **role-based access control (RBAC)** for 3 user roles (Admin, Doctor, Patient) with custom AuthFilter and RoleFilter filter chains; designed MySQL 8.x schema with foreign key constraints, referential integrity, and an audit logging table ensuring complete traceability of critical system actions.
- Developed appointment scheduling with **3-state lifecycle (Scheduled → Completed → Cancelled)** and a prescription management module with appointment-linked, DAO-driven CRUD persistence.

INTERNSHIP

Java Full Stack Developer Intern | Tap Academy, Bengaluru

2025

- Completed industry-focused Java Full Stack Development training covering Core Java, OOP, Multithreading, JDBC, Servlets, JSP, SQL, HTML5, CSS3, MVC Architecture, DAO Pattern, and Agile development practices.
- Designed and delivered 2 end-to-end Java full stack projects involving requirements analysis, backend development, frontend integration, database design, testing, debugging, and technical documentation.
- Built database-driven web applications using Servlets, JSP, JDBC, and MySQL with hands-on experience in CRUD operations, session management, Git/GitHub version control, and responsive web development.