

HARSHINI MOKKAPATI

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Professional Summary

Java Full-Stack Developer with hands-on experience in Spring Boot, Hibernate, JSP, Servlets, and MySQL. Proficient in building scalable web applications with REST APIs, MVC architecture, and CRUD operations. Strong foundation in software development lifecycle and agile methodologies.

Technical Skills

Programming Languages: Java, SQL, JavaScript, HTML, CSS

Frameworks & Technologies: Spring Boot, Spring MVC, Spring Security, Hibernate, JSP, Servlets.

Databases: MySQL, JDBC

Tools & IDEs: Eclipse, Spring Tool Suite, VS Code, Git, GitHub, Maven, Apache Tomcat

Education

DVR and Dr.HS MIC College of Technology

2021 – 2025

Bachelor of Technology in Electronics and Communication Engineering

Kanchikacherla, AP

CGPA: 8.1/10

Experience

Java Full-Stack Developer Trainee

Feb 2025 – Present

Codegnan IT Solutions

Vijayawada, India

- Developed full-stack web applications using Java, Spring Boot, JSP, and MySQL
- Implemented REST APIs, MVC architecture, and CRUD operations for enterprise applications
- Collaborated on team projects using Git version control and agile development practices
- Gained expertise in Spring Security for authentication and authorization mechanisms

Projects

Employee Management System — Spring Boot, JSP, Spring Security, MySQL, Maven

- Built comprehensive web-based portal with role-based access control for Admin and Employee modules using Spring Boot framework
- Implemented secure authentication and authorization with Spring Security, password encryption, and session management
- Designed responsive user interface with JSP, Bootstrap CSS, and JavaScript for enhanced user experience
- Developed RESTful APIs for employee data operations and integrated MySQL database with optimized queries

Online Food Delivery System — Servlets, JSP, JDBC, MySQL, Apache Tomcat

- Developed full-stack web application for food ordering with advanced session management and comprehensive form validation
- Integrated MySQL database using JDBC for real-time order processing, inventory management, and customer data handling
- Implemented shopping cart functionality, payment processing simulation, and order tracking system
- Deployed on Apache Tomcat server following MVC design patterns for maintainable and scalable architecture

Banking Application — Java, OOP Concepts, Exception Handling

- Created comprehensive console-based banking system implementing core OOP principles
- Developed features for account creation, money transfer, transaction history, and balance inquiries with error handling
- Implemented multiple account types (Savings, Current, Fixed Deposit) with different interest calculation methods
- Added security features including PIN validation, transaction limits, and account locking mechanisms

Library Management System — Java, MySQL, JDBC

- Developed desktop application using Java Swing for library book management and student record keeping
- Implemented book issuing, returning, fine calculation, and inventory management with MySQL database integration
- Created user-friendly GUI with search functionality, report generation, and data export capabilities
- Added features for librarian and student login, book reservation system, and automated reminder notifications

Certifications

- Java Programming Certification – NPTEL (Advanced Level)
- Java Full-Stack Development – Udemy (Spring Boot Specialization)
- SQL Database Management – HackerRank (Advanced SQL)
- Web Development (HTML5/CSS3) – edX (Responsive Design)
- Git Version Control – GitHub (Collaboration and Workflow)