

Surendra Reddy Venna

venna7586@gmail.com | [Surendra Reddy LinkedIn](#) | [GitHub](#) | +91 6302141977

CAREER OBJECTIVE

Aspiring Java Full Stack Developer with strong foundational knowledge in Java, Springboot, Microservices, Hibernate, React.js, Docker and SQL. Experienced in building cloud-based solutions and full-stack web applications through hands-on internships and real-world projects. Eager to contribute to dynamic software development teams by leveraging technical expertise, problem-solving abilities, and a passion for continuous learning.

EDUCATION

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| Audisankara College of Engineering & Technology, Gudur B.Tech Electronics and Communication Engineering(ECE) (8.13 CGPA) | 2020 - 2024 |
| Vignan Co-Operative Junior College, Vadlamudi, Guntur Intermediate_MPC (95.1 Percentage) | 2018 - 2020 |
| Sri Chaitanya School, Guntur Secondary School of Education (9.8 CGPA) | 2017 - 2018 |

SKILLS

Programming Languages: Core Java, JavaScript.

Core concepts: Microservices Architecture, REST API Design, Collections, MVC Architecture.

Frameworks: Spring Boot, Spring Web, Spring Data JPA, Spring JDBC, Spring Data Rest.

Web Technologies: HTML, CSS, React Js.

Databases: MySQL.

Developer Tools: IntelliJ IDEA (JetBrains), Eclipse, VS Code, Docker, Maven.

Productivity Tools: Microsoft Office (Word, PowerPoint)

Version Control: Git, GitHub.

PROJECTS

Hotel Room Booking System – Full Stack Web Application

- Developed a comprehensive hotel room booking platform to automate reservations and eliminate manual data entry, improving efficiency and accuracy.
- Applied user-centric design principles to create an intuitive interface, resulting in a 15% increase in successful booking completion through seamless room selection, confirmation, and payment flow.
- Implemented a secure, scalable architecture using REST APIs and robust backend logic to ensure reliable data management and high system performance.
- **Technologies Used:** Java, Spring Boot, MySQL, HTML, CSS, JavaScript, REST API

E-commerce Platform – Full Stack Microservices Application

- Designed and developed a scalable e-commerce platform based on a microservices architecture, segregating functionalities into User, Product, and Order services to achieve high availability and independent deployment.
- Implemented JWT-based authentication and authorization through an API Gateway to ensure secure and efficient communication between the React.js front-end and backend microservices.
- Containerized and orchestrated all microservices using Docker and Docker Compose, significantly reducing setup time by over 90% while maintaining consistent deployment across environments.
- **Technologies Used:** Java, Spring Boot, React.js, Docker, Microservices Architecture, REST API

INTERNSHIPS

A.V.R TECHNOSOFT SOLUTIONS PVT. LTD. (Full Stack Web Development Intern)

Location: Hyderabad, Telangana | **Duration:** May 2024 – February 2025

- Developed a real-time chat application using WebSockets, achieving message delivery latency under 50 ms and ensuring smooth communication for over 100 concurrent users.
- Implemented secure authentication and message persistence features, resulting in zero data loss during user sessions and enhanced system reliability.
- Completed multiple mini-projects and practical assignments simulating real-world business logic and full-stack architecture.
- Strengthened backend–frontend integration skills and deepened understanding of MVC-based application design.
- Gained hands-on experience in full stack development, real-time data handling, and secure communication protocols, consistently delivering ahead of schedule.

CERTIFICATIONS

- Completed Certified Course on INFOSYS Springboard for MySQL.
- Completed Certified Course on Java Full Stack by SimpleLearn.
- Completion certificate on Software Engineering Job Simulation from SkyScanner.

DECLARATION

I hereby declare that all the information provided in my resume is true to the best of my knowledge and belief.