

# Surendra Reddy Venna

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## CAREER OBJECTIVE

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

## SKILLS

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**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

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### 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

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### 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

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- 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

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