

MADHURI REPALLE

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SUMMARY

Passionate Computer Science graduate with 2+ years of professional IT experience as a Java Developer. Completed MCA alongside industry work, enhancing both technical expertise and practical knowledge. Keen to apply industry oriented skills in an academic environment to mentor and teach students in programming, databases, and software development. Strong communication abilities and a student-friendly approach to explaining technical concepts. Committed to fostering a practical, engaging, and skill-based learning environment.

Work Experience

Junior Programmer

V R Siddhtratha University | August 2025 – present

- Maintained computer systems and resolved technical issues.
- Assisted students with programming practicals and

projects. Associate Software Engineer

Navkone Private Limited | Jan 2023 – April 2025

- Developed and maintained RESTful APIs using Java and Spring Boot.
- Wrote complex SQL queries and optimized database performance in MySQL.
- Integrated third-party APIs and ensured smooth deployment using Git and Maven.

Education Master of Computer Applications (MCA) 2025

R V Institute of Technology

Completed in parallel with 2 years of professional experience in IT industry, enhancing practical knowledge alongside academic learning.

Bachelor of Science (B.Sc) in Computer Science

Sri A B R Government Degree College | 2019 - 2022

Provided a strong foundation in programming, databases, and software development concepts.

Skills

- Programming: Core Java, OOPs Concepts, Spring Boot, Spring MVC
- Web Technologies: RESTful API Development
- Database: MySQL, SQL Queries, Database Optimization
- Version Control: Git, GitHub
- Tools: Maven
- Teaching Strengths: Concept Simplification, Practical Examples, Communication Skills, Student Mentoring

Projects

Food Delivery Web Application

Developed a basic food delivery web application as part of self-learning using **Java, Spring Boot**, and **MySQL**. The project includes features like restaurant listing, food item management, and order placement. Implemented RESTful APIs for backend operations and gained practical exposure to full-stack development concepts.

E-commerce Application

Built a full-stack e-commerce platform using **Java, Spring Boot**, and **MySQL**. Implemented user authentication, product listing, cart, and order management features. Designed RESTful APIs for smooth frontend-backend integration and ensured secure data handling.

STRENGTHS FOR ACADEMIC ENVIRONMENT

- Ability to explain technical topics in a simplified, student-friendly manner
- Industry-oriented teaching approach
- Strong mentoring and problem-solving support for students

