Rohit Tukkapuram

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Skills

Programming: Java, Python, JavaScript
Backend Technologies: Spring Boot, RESTful APIs, Microservices (basic)
Web Technologies: HTML, CSS, AJAX
Tools & Databases: Git, Github, Oracle SQL, MySQL
Core Concepts: Data Structures & Algorithms, OOP, SDLC, API Security, Debugging & Testing.

Work Experience

Cognizant Technology Solutions, Chennai Feb 2025 - May 2025

Software Developer Intern

- Developed banckend RESTful APIs suing Spring Boot for an enterprise-level food delivery application.
- Implemented core modules including Customer Management, Order Processing, Delivery and Payment workflows.
- Integrated Oracle SQL database for Efficient data storage and retrieval.
- Followed SDLC practices including requirement analysis, development, testing and debugging.
- Used GIT for version control and collaborated with cross-functional teams.
- Applied secure coding practices, input validation, and basic performance optimization techniques.

Education

Maturi Venkata Subba Rao Engineering College Sep 2022 - May 2025
B.E. in Electronics and Communication & Engineering ***Percentage: 85 /100***

JN Government Polytechnic Oct 2019 - May 2022
Diploma - Electronics & Communication Engineering ***Percentage: 91.6 /100***

Project Work

Feast+ – Online Food Delivery System

- Designed and implemented REST APIs for order placement, status tracking, and delivery assignment using Spring Boot.
- Built service-layer logic to manage the complete order lifecycle (create, update, cancel) with proper input validation and error handling.
- Modeled relational database schema in Oracle SQL and optimized queries for efficient retrieval of customer and order data.
- Implemented global exception handling and followed a layered architecture (Controller–Service–Repository) to ensure clean and maintainable code.

Automatic Solar Cleaning Robot

- Designed a sensor-driven autonomous control system using state-based logic to initiate, pause, and complete cleaning cycles.
- Implemented movement and navigation logic with safety checks to prevent edge faults and ensure reliable operation.
- Performed system testing and iterative refinements to improve stability, fault tolerance, and cleaning efficiency.

Awards and Certificates

- **Oracle Certified:** Java Fundamentals.
- **Udemy Certified:** Spring Framework.
- **Udemy Certified:** Git & GitHub.