

# Rohit Vardhan Battula

Hyderabad, India | +91 6300962156 | vardhanbattula03@gmail.com

[LinkedIn](#) | [GitHub](#) | [GeeksforGeeks](#)

## Profile Summary

Software Engineer with 1.5+ years of experience specializing in **Java (Spring Boot)**, **Go (Golang)**, and **Node.js**. Expert in architecting **Model Context Protocol (MCP)** servers to bridge Large Language Models with on-premise data and designing enterprise ecosystems. Strong problem-solver with **700+** DSA problems solved across major platforms.

## Education

**BITS Pilani (Work Integrated Learning Programmes)**

M.Tech in Software Engineering

Hyderabad, India

Expected Jul 2027

**University College of Engineering, Osmania University**

B.E. in Computer Science and Engineering (CGPA: 9.09)

Hyderabad, India

Jun 2024

## Technical Skills

**Languages:** Java (Spring Boot), Go (Golang), C++, JavaScript (ES6+), Python, SQL, HTML/CSS

**Web Technologies:** Node.js, React.js, Express.js, Microservices, MCP SDK, RESTful APIs, WebSockets

**Databases & Cloud:** PostgreSQL, MongoDB, Redis, Docker, Kubernetes, AWS (EC2/S3), CI/CD pipelines

**Core Subjects:** Data Structures & Algorithms, System Design (LLD/HLD), OS, DBMS, Computer Networks

**Developer Tools:** Git/GitHub, Postman, VS Code, Linux/Unix, Agile Methodologies, Jira

## Experience

**The Hackett Group**

Software Engineer

Aug 2024 – Present

Hyderabad, India

- Engineered a **Model Context Protocol (MCP) Server** using **Node.js**, facilitating secure communication between LLMs and on-premise systems for real-time, context-aware AI interactions.
- Architected an enterprise **Vendor Portal** utilizing **Go** and **Java (Spring Boot)**, optimizing the system to handle high-concurrency transaction processing for 500+ monthly active users.
- Enhanced backend efficiency by **25%** through the implementation of concurrent execution patterns in **Go** for document management and complex financial tracking modules.
- Implemented robust **JWT authentication** and Role-Based Access Control (RBAC) within the Java backend to ensure the integrity and security of sensitive financial data.
- Modernized frontend architecture using **React**, refactoring legacy code into modular components and reducing page load latency by **30%** for a seamless user experience.

## Key Projects

**Full-Stack Fitness Analytics Platform** | MERN Stack, Redis

- Developed a comprehensive workout tracking application using **Node.js** and **React**, featuring interactive progress charts and activity logs.
- Designed a normalized **MongoDB** schema and integrated **Redis** for session caching, significantly reducing query response times for data-heavy analytics.

**IoT-Based Plant Disease Classifier** | Python, Computer Vision, Cloud

- Awarded Best Project:** Designed a mobile-controlled IoT system to detect plant diseases in real-time using CNN-based Machine Learning models.
- Integrated cloud-based backend services for real-time data synchronization, enabling remote monitoring for greenhouse operators via a mobile dashboard.

## Achievements

**Coding & Rankings:** Solved **700+** problems on LeetCode/GFG; Secured State Rank **402** in TG EAPCET (among 100k+ candidates).

**Competitions:** Secured **3rd Rank** in Smart India Hackathon (College Level Selection Phase).

**Certification:** Google IT Automation with Python Professional Certificate.