

Mareddy Madhav

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🌐 LinkedIn

🐙 GitHub

</> LeetCode

EXPERIENCE

VOLTA

May 2025 – June 2025

Software Developer Intern

Hyderabad

- Developed an Interns Management System to streamline task management for interns.
- Built features for assigning, monitoring, and reviewing tasks with real-time status updates.
- Developed role-based dashboards, increasing transparency and reducing managerial oversight by 25%.

Bharat Electronics Limited (BEL)

June 2024 – July 2024

BEL Intern, Department of Product Assurance

Machilipatnam

- Worked on quality assurance processes for thermal imaging components used in defense technology.
- Analyzed night vision technology and its integration for various military applications.

PROJECTS

RedStox– AI-powered Stock Market Research Assistant(Python /Streamlit)

[view demo](#)

- Built a Streamlit-based full-stack financial dashboard with 4 modules: technical, fundamental, sentiment analysis, and natural language QA.
- Implemented technical indicators such as SMA, RSI, and MACD using yFinance historical data; plotted interactive charts.
- Claude AI via API to generate smart investment suggestions
- Integrated NewsAPI and newspaper3k to scrape real-time company news and perform sentiment analysis using Claude's classification.
- Applied prompt engineering to format financial reports before passing to Claude AI.

AI-POWERED CODE REVIEW PLATFORM (React.JS/Node.js/ Express.JS /Google GenAI API/Axios)[view demo](#)

- Built a full-stack AI-powered code review tool that generates contextual feedback on submitted code snippets.
- Developed Node.js/Express APIs and a React (Vite) frontend with PrismJS highlighting and Markdown rendering.

Intern Management Dashboard (React.JS / TailwindCSS)

[view demo](#)

- Built a responsive web-based intern tracker that enables managers to assign tasks and monitor progress.
- Designed reusable components (cards, forms, modals) and implemented state management using React Hooks for dynamic UI updates.

CERTIFICATIONS

Deloitte – Data Analytics Job Simulation

[View Credential](#)

- Completed a job simulation as a Deloitte data analyst responsible for assessing data trends and suggesting improvements.

Spoken Tutorial Project at IIT-Bombay

[View Credential](#)

SKILLS

Languages/Technologies: C,C++, MYSQL, HTML, CSS

Coursework: Data Structures and Algorithms, Operating Systems, DBMS, OOPS

EDUCATION

Vellore Institute of Technology

Chennai

BTECH in Electronics and Computer Engineering

2022 – 2026

CGPA: 8.09

Pavithra Jr College

Machilipatnam, A.P.

Board of Intermediate, MPC

2020 – 2022

Perc:95%

ACHIEVEMENTS AND ACTIVITIES

- Solved more than 350 problems on Leetcode and other coding platforms.
- Represented VIT Chennai in the SSN College inter-college tennis tournament. Played a significant role there.