

Medisetty Surya Teja

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🔗 suryateja000

Education

Vignan's Institute of Information Technology
Bachelor of Technology in Computer Science

Sept 2023–2027

Technologies

Languages: Python, C, SQL, JavaScript

Technologies: FastAPI, LangChain, Node.js, Express.js, Next.js, React, Tkinter

Databases: MySQL, MongoDB, Supabase, PostgreSQL

Tools: Git/GitHub, Retrieval-Augmented Generation (RAG), Large Language Models

Experience

Backend Developer Intern
ZORO Innovations

July 2025– Present

- Built Campus Core, a campus management platform with APIs and database architecture for Students, Admins, and Faculty.
- Developed RESTful microservices for authentication, data management, and real-time communications.
- Designed optimized database schemas and integrated secure JWT-based authentication systems.
- Tools Used: Node.js, Express.js, MongoDB/PostgreSQL, JWT, Postman, Git

Projects

Student Codeforces Progress Tracker

[github](#) 

- Developed a comprehensive student progress tracking system for Codeforces competitive programming platform
- Implemented automated daily data synchronization and email notification system
- Built during intensive development sprint, showcasing full-stack development skills
- Tools Used: MERN Stack, Cron Jobs, Email Automation

Question Bank to Answer Key

[github](#) 

- Built backend logic to generate answer keys from PDF question banks using AI models.
- Integrated LangChain, Gemini, and FAISS for automated response generation in backend services.
- Implemented backend RAG workflows to extract answers from reference PDFs.
- Tools Used: LangChain, RAG, Gemini API

EcoTrack

- Developed a revolutionary native react app that tracks plastic waste recycling!
- Designed a user-friendly interface to enhance the transparency of the recycling process.
- Implemented real-time communication via Socket.IO for efficient user-recycler interaction.
- Tools Used: React-Native (Expo), Node.js, MongoDB

Achievements

- Achieved a 3-star rating on CodeChef with a peak rating of 1657.
- Achieved a peak rating of 1761 on LeetCode.
- Consistently participated in 65 contests on CodeChef and 43 contests on LeetCode.