ADHUL THIRUVEN MARUTHI

ACHIEVEMENTS

Finalist – Hack4SDG @ IIT Hyderabad 2024
Created a food redistribution platform to connect surplus food donors with NGOs using Maps API.

Elite Silver Certification – NPTEL Cloud Computing Course
Scored 79% in the final exam and completed a 12-week advanced course Issued my NPTEL

Semifinalist – Vishwakarma Awards 2024
Selected for Stage 3 (Prototype Building) *Optimal Path Planning for Multiple UAV Area Coverage*.

DRIVEN TO BUILD IN

- Full Stack Development
- Artificial Intelligence & Machine Learning
- Developing AI-powered chatbots and smart automation tools

SKILLS

Programming Languages
Python · JavaScript · HTML/CSS · SQL

AI & Backend Technologies
BERT + NLP · REST APIs

Frameworks & Libraries
React.js · Node.js · Express.js · Tailwind CSS · FastAPI

Tools & Platforms
Docker · Git · Firebase · Cursor IDE · VS Code · Postman · MongoDB

Soft Skills
Team Collaboration · Communication · Public Speaking · Rapid Prototyping

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AI & Full Stack Developer

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SUMMARY

Began my journey in tech by solving real-world challenges—starting with chatbots and growing into full-stack apps, AI-driven systems, and UAV optimization. From leading national-level hackathon projects to building tools for sustainability, law, and finance, I focus on creating meaningful, scalable tech that drives real impact. I'm not just building projects—I'm shaping purposeful innovation.

EDUCATION

B.Tech in Computer Science Engineering (Data Science) 2022 - 2026

Vignan Institute of Technology and Science

EXPERIENCE

Backend Developer Intern 05/2025 - 06/2025
Turtil.co Hybrid
- Developed an offline microservice to evaluate candidate resume-job fit using skill extraction and semantic matching.
- Built and deployed a RESTful API using FastAPI to serve resume scoring and learning path recommendations.

AI: Transformative Learning Intern 12/2024 - 01/2025
TechSaksham Remote
- Designed and implemented a NLP Based chatbot for legal support
- Integrated Gemini API for generating responses based on user queries

AI Financial Analyst (Virtual Experience) 04/2024 - 05/2024
BCGX Forage Remote
- Completed a simulated AI-powered financial chatbot project focused on real-world financial data analysis.

PROJECTS

ECOVEDA
- Built using React, Node.js, Firebase, and TailwindCSS to deliver a fast, responsive frontend with real-time updates.
- Designed gamified features like eco-challenges, badges, and user impact dashboards to engage users in green habits.
🔗 https://eco-veda.vercel.app/

THE GIVING PLATE
- Developed a map-based web platform to connect food donors with NGOs, orphanages, and old-age homes.
- Built the full web application using React.js, Node.js, and Express, with Firebase for storing user and donation records.
🔗 https://giving-plate.vercel.app/

CERTIFICATIONS

- **CS50's Introduction to Programming with Python** – HarvardX | July 2025

- **Cloud Computing (Elite Silver Certification)** – NPTEL | November 2024

- **The Complete Python Developer in 2023: Zero to Mastery** – Udemy | August 2023