MULAPARTHI KRISHNA VAMSI

Full-Stack Developer | Python • React • Django

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🎧 Technical Skills

Languages:: Python,JavaScript,

Frontend: HTML,CSS,React,

Backend: Django,Node.js,

Databases: MongoDB,MySQL,

Tools: Git,GitHub,Postman,VS Code, **Core CS:** Data Structures & Algorithms, Object-Oriented Programming (Python)

🎓 Education

B.Tech (ECE),
BVC Institute of Science and Technology
2023 – 2026
Batlapalem, Andhra Pradesh, India
CGPA - 7.27 / 10

Diploma(ECE),
DR.BR.A.GMR.POLYTECHNIC
2020 – 2023
Bommuru, Rajahmundry Andhra Pradesh
GPA - 7.23 / 10

Secondary School (SSC),
MJPAPBCW RESIDENTIAL
2015 – 2020 | Kakinada, Andhra Pradesh
GPA : 8.6 / 10

🌐 ✓ Languages

English (Fluent)

Telugu (Native)

Hindi (Intermediate)

📇 Profile

B.Tech ☒ (ECE) student graduating in May 2026, passionate about software engineering and building scalable web applications. Skilled in Python, JavaScript, React, and Django with a strong foundation in data structures and algorithms. Eager to learn new technologies and contribute to high-impact projects as a Microsoft Software Engineering Intern.

📁 Projects

RedIron Gym – Full-Stack Web Application
- Built a dynamic fitness platform with secure login/signup (JWT auth + refresh tokens) and admin dashboard.
- Engineered an **interactive equipment catalog** with class-based filtering (Cardio, Core, Strength) and **nutrition analyzer** powered by third-party APIs.
- Designed a responsive glassmorphic UI using **React, Framer Motion, and video backgrounds**, improving mobile UX across devices.
- Backend developed with **Django REST Framework**, integrated email notifications and admin reply system for contact messages.

Kidney Stone Detection Web Application
- Developed a full-stack application for early kidney stone detection using **CT scan images**.
- Trained a **deep learning model (PyTorch)** on 5,000+ CT images achieving ~98% accuracy.
- Exposed prediction service via **FastAPI** with JWT authentication; frontend built in **React (Vite, TailwindCSS, Framer Motion)** for real-time results.
- Deployed on **Render (backend)** and **Vercel (frontend)** with Docker-based CI/CD for public access.

📑 Certificates

- Python Full Stack Developer — TalentShine
- Python Bootcamp - LetsUpgrade + NSDC
- National Level Hackathon – Utkarsh 2025 (HACKSPRINT)

⭐ Achievements & Workshops

2nd Prize-Robotics Workshop Challenge, HackerTribe, Hyderabad (Aug 2024)

3rd Prize –IoT Fire Alarm Model, MakeSkilled Expo (Mar 2023)

Prompt Engineering WorkshopSTEPCon, GMR Institute of Technology (Feb 2024)