MEDISETTI JITENDRA DURGA PRASAD

Hyderabad, Telangana | 9705447958 | medisettijitendradurgaprasad@gmail.com
linkedin.com/in/medisetti-jitendra-durga-prasad-759a441b8 | github.com/jitendradurgaprasad | leetcode.com/u/jitendradurgaprasad

EDUCATION

MNR University, Hyderabad — 2025 – 2029 (Expected)
B.Tech in Computer Science & Engineering (AI & ML) — CGPA: 8.5 (Year 1)

Sri Akshara Junior College — 2023 – 2025
Intermediate (MPC) — 91.4%

ZPHS Nandigama — 2023
SSC — GPA: 8.8/10

EXPERIENCE

Data Analytics Intern — Feb 2026 – Apr 2026
NoviTech R&D Pvt. Ltd. — *Online*
- Completed a 30-day data analytics masterclass: NumPy, Pandas, Matplotlib and Tableau for data cleaning, EDA and visualization.

Python Intern — Feb 2026 – Apr 2026
Pantech Solutions (Pantech Prolabs India Pvt. Ltd.) — *Online*
- Completed the Python Bootcamp internship and built a Snake Game in Python as the final project.

PROJECTS

ResuMatch – AI Resume Analyzer | *Next.js 14, TypeScript, Tailwind CSS* — Nov 2026
- ATS simulator that scores resumes 0–100 across five areas and matches skills against 25+ job roles (1,500+ skill taxonomy) using cosine similarity. Live | GitHub
- Adds job-description gap matching and STAR-format bullet rewrites; parses PDF/DOCX in the browser. Deployed on Vercel.

Find Your College | *Python, FastAPI, Next.js, PostgreSQL, Docker* — Nov 2026
- Web crawler that extracts admissions, fees, courses and placements from university sites and PDFs into a 19-table PostgreSQL database, with every fact linked to its source. Live | GitHub
- FastAPI backend with background crawl jobs, rate limiting and SSRF protection; Next.js + TypeScript frontend with search and compare.

FireWatch | *Python, NASA FIRMS data, OpenStreetMap* — Oct 2026
- Built at Shourya '26 (24-hour hackathon) with Team VyomTech: a live dashboard of satellite-detected thermal anomalies across India and South Asia from VIIRS and MODIS. Live | GitHub
- Filters by region and 24-hour to 5-day window, auto-refreshes every 5–30 minutes, and shows confidence and fire radiative power on an interactive map.

U-RESCUE | *Python, FastAPI, MapLibre GL JS, OpenStreetMap, Valhalla* — Jun 2026
- Flood-safety tool that finds nearby high ground within 1–20 km and draws walking routes to it. Live | GitHub
- Computes elevation and slope from HGT terrain tiles (weighted score: 55% elevation, 45% inverse slope); routing via Valhalla on OpenStreetMap.

Oil Palm Stalk Detection | *Python, YOLOv8, OpenCV* — Sep 2026
- YOLO detector for cut stalks on oil palm fruit bunches (test set: 13 images, 154 annotations) with a human-in-the-loop tool to correct labels for fine-tuning. GitHub

ACHIEVEMENTS & HACKATHONS

- **Codexa Hackathon** (Oct 2026): **2nd place** with my college team; won ₹5,000.
- Participated: Shourya '26 VYOM 24-hr Hackathon (MVSR), Elite Hack 1.0 (900+ teams), CBIT Hacktoberfest 2025, HackWithHyderabad (Microsoft Office), St. Peter's Hack-A-Thon 1.0, VisionNova, Elan & nVision Code Clash (IIT Hyderabad), Datathon (Government of India).
- Solved 50+ problems on LeetCode.

CERTIFICATIONS

- **IBM:** Machine Learning with Python (Cognitive Class, Oct 2026)
- **Google:** Machine Learning Crash Course – Linear Regression, Logistic Regression, Classification (May 2026)
- **Microsoft Learn:** AI-Powered Business Solutions and Agentic AI series, 10 modules (Jul 2026)
- **Databases:** SQL (Intellipaat), DBMS (Scaler Topics), Fundamentals of Databases (Simplilearn), Oct 2026
- **Others:** Infosys Springboard (Python, Software Engineering & ALM); LangChain 101 (Udemy); Agentic AI for DevOps; be10x AI Tools Workshop

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, TypeScript, Java (Fundamentals), HTML/CSS
Data Analytics: Pandas, NumPy, Excel, EDA, Data Cleaning, Matplotlib, Power BI, Tableau
Machine Learning: Scikit-learn, Regression, Classification, Random Forest, OpenCV, YOLO, Model Evaluation (data prep to deployment)
Frameworks & Tools: FastAPI, Next.js, SQLAlchemy, PostgreSQL, REST APIs, Docker, Git, GitHub
Languages Spoken: English, Telugu, Hindi