

N Laxmi Nandhan Rao

9392851715 | nandhanrao99@gmail.com | [linkedin](#) | [github](#) | [leetcode](#)

EDUCATION

Sreenidhi Institute of Science and Technology <i>Bachelor of Technology — Electronics and Computer Engineering — CGPA: 8.7</i>	Hyderabad, Telangana Nov 2022 – Apr 2026
Narayana Junior College <i>Intermediate (MPC) — Score: 96%</i>	Hyderabad, Telangana 2020 – 2022
Dilsukhnagar Public School <i>Secondary Education — GPA: 10/10</i>	Hyderabad, Telangana 2019 – 2020

EXPERIENCE

AI Research Intern <i>Alpes AI</i>	March 2025 – September 2025 Hyderabad, India
<ul style="list-style-type: none">Contributed to a semantic search system for 2,000+ legal documents.Contributed to a video frame similarity project using the KE SIEVE algorithm.	

PROJECTS

Leetcode Assistant <i>React.js, Flask, MongoDB, JWT Auth, Docker, GraphQL</i>	link
<ul style="list-style-type: none">Implemented a server-side GraphQL endpoint to fetch LeetCode data and synced GitHub CSVs via the GitHub API and set up JWT auth.Built a full-stack website that identifies MNC'S-specific questions and simplifies progress tracking and revision.	
SHESAFE: AI Driven Surveillance System <i>Python (OpenCV, SMTP), KNN, MoViNet</i>	link
<ul style="list-style-type: none">Constructed a video anomaly detection system using deep learning to identify incidents like abuse,kidnap, achieving 90% accuracy using CNN and movinet.Implemented K-Nearest Neighbors algorithm for safe route optimization using crowd-sourced crime data, reducing high-crime area exposure.	
Dynamic Load Balancer <i>Python, Flask, Docker, Bash</i>	link
<ul style="list-style-type: none">Built a programmable load-balancing engine with custom health-checks and routing (round-robin + adaptive), enabling stable traffic distribution across multiple microservice replicas.Containerized and orchestrated all services using Docker, benchmarking throughput to show consistent performance and improved scalability under variable load.	

SKILLS

Languages: C++, Python, SQL, Java
Web Development: React.js, Flask, FastAPI, GraphQL
Databases: MongoDB, MySQL
Cloud & DevOps: Docker, AWS, GitHub Actions (CI/CD), Linux
Tools: Git, Postman

LEADERSHIP EXPERIENCE

Lead - Cloud Community Club
<ul style="list-style-type: none">Contributed to a Tech community of 150+ members through workshops and bootcamps focused on Scripting, Deployment, AWS

ACHIEVEMENTS

<ul style="list-style-type: none">3x National-Level Hackathon Winner (VNR-VJ, HACK-ARENA, HACKTIVATE)LeetCode Top 8% Globally — 1775 rating, 450+ problems solved
--