

Ravirala Karthikeya

Hyderabad, India

LinkedIn — +91-6305621340 — karthikeyaravirala@gmail.com

Career Objective

Motivated and hands-on B.Tech student specializing in Artificial Intelligence and Machine Learning, with proven experience in building full-stack applications and AI-powered tools. Passionate about developing intelligent and scalable systems that solve real-world problems. Currently seeking a Software Developer Intern role to apply my knowledge in software engineering, AI, and data-driven technologies within a collaborative and growth-oriented environment.

Education

Anurag University, Hyderabad — B.Tech in Artificial Intelligence 2022–2026
CGPA: 8.56 / 10

Pragathi Junior College, Nalgonda — Higher Secondary (MPC) 2020–2022
Percentage: 92.4%

Ekalavya Foundation High School, Nalgonda — Secondary School (SSC) 2020
CGPA: 10.0 / 10

Experience

AI Intern — Swecha Telangana June 2024 – August 2024
Built and deployed an AI assistant using Hugging Face and Streamlit for real-time campus Q&A.

- Designed 10+ task-specific prompts to boost response quality (Prompt Engineering).
- Deployed local LLMs via Ollama + PocketPal; cut inference latency by 30%.
- Fine-tuned models on domain data, improving accuracy by 15%.
- Gained hands-on experience in model training, evaluation, and deployment.

Projects

Anurag-GPT

Developed a university-specific AI chatbot using LangChain and integrated LLMs for dynamic and relevant responses. Built a Streamlit-based UI and knowledge base from 50+ academic and campus-related documents. Achieved over 90% accuracy in query relevance.

Smart Cam (Real-Time Surveillance)

Created a real-time facial recognition system to identify wanted individuals using OpenCV and custom-trained ML models. Achieved 95% accuracy over 1,000+ images. Targeted for security use in public transport zones.

Skills

Languages: C, Java, Python, SQL

Web: HTML, CSS, JavaScript, MEAN Stack (Basics)

Frameworks: Django, Node.js, Spring Boot

Tools: Git, GitHub

Concepts: OOP, Generative AI, Machine Learning, Computer Networks

Soft Skills: Critical thinking, Decision making, Ownership

Certifications

- AICTE Generative AI Virtual Internship
- CCNA, Python Programming & Introduction to AI – Cisco Networking Academy
- Generative AI - LinkedIn
- DSA Certification – Infosys Springboard

Achievements

- Finalist in national-level hackathon + bootcamp hosted by Anurag University
- Projects showcased at TEJAS(TechFair) 2K24 and 2K25
- Solved over 180 problems on LeetCode — [LeetCode](#)
- 5-Star in Python on HackerRank — [HackerRank](#)
- Competitive programmer on CodeChef — [CodeChef](#)