

# Ravirala Karthikeya

Hyderabad, India

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## 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

<b>Anurag University, Hyderabad</b> — B.Tech in Artificial Intelligence	2022–2026
CGPA: 8.56 / 10	
<b>Pragathi Junior College, Nalgonda</b> — Higher Secondary (MPC)	2020–2022
Percentage: 92.4%	
<b>Ekalavya Foundation High School, Nalgonda</b> — Secondary School (SSC)	2020
CGPA: 10.0 / 10	

## Experience

<b>AI Intern</b> — 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

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- 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