



AMULYA DUDEKULA

Phone: 9550390475
Email: amulyadudekula@gmail.com
LinkedIn: [amulya-dudekula](#)

CAREER OBJECTIVE

Detail-oriented and results-driven Artificial Intelligence and Machine Learning undergraduate with hands-on experience in network security, cloud computing, and Python automation. Proven ability to develop scalable AI systems, secure applications, and data-driven solutions. Actively pursuing opportunities to contribute to network-centric innovation and automation at Cisco Ideathon.

WORK EXPERIENCE

Research Intern, IIITDM Kurnool May 2025 - Present

- Designing a multi-lingual legal chatbot using Retrieval-Augmented Generation (RAG) and MCP to provide case-specific and legal guidance, making legal knowledge accessible to the public.
- Integrating cutting-edge LLM technologies to develop a user-friendly interface that delivers accurate, multi-lingual responses, enhancing public understanding of Indian law through AI-driven insights.

PROJECTS

Safe Link: Phishing Email Detection & Reporting System [Link](#)

- **Tools Used:** Python, DistilBERT, LLMs, Next.js, Vercel
- Engineered an email phishing detector achieving 98% precision using a fine-tuned DistilBERT NLP model.
- Modeled behavior similar to Cisco Secure Email Threat Defense through email header analysis, deployed a threat analysis frontend with LLM-generated risk scores and user reports.

AyurGuru: AI-Powered Ayurvedic Platform Using Machine Learning [Link](#)

- **Tools Used:** Python, Groq API, LLMs, Next.js, HTML, CSS
- Developed an AI/ML-driven system using Groq API and Llama-based LLMs to automate Prakriti assessment, replacing manual consultations with an accurate, real-time AI-powered platform.
- Designed a personalized recommendation engine leveraging advanced AI models to provide precise diet, lifestyle, and wellness suggestions based on Ayurvedic principles, enhancing accessibility and consistency

EDUCATION

B.Tech in Artificial Intelligence and Machine Learning	Sep 2022 - May 2026
Malla Reddy Engineering College for Women CGPA: 9.25/10	
Intermediate	Aug 2020 - May 2022
Sri Chaitanya Junior College Marks: 984/1000	
Secondary School	March 2020
Rahul Vignan Vidyalayam GPA: 10/10	

SKILLS

- **Networking:** TCP/IP, OSPF, DNS, DHCP, VPN, VLAN, Cisco Packet Tracer, Network Security, IDS/IPS
- **Programming:** Python, Java, C, SQL, REST APIs, Git, HTML, CSS, Next.js
- **AI/ML & Security:** NLP, LLMs, OpenCV, RAG, Cybersecurity Fundamentals, Email Threat Defense
- **Cloud & DevOps:** AWS Services (EC2, S3, Lambda), Cloud Networking, Vercel, DevOps Basics
- **Soft Skills:** Communication, Problem Solving, Team Collaboration, Leadership

CERTIFICATIONS

- | | |
|---|---|
| • CCNA-Cisco Certified Network Associate | • EDA for Machine Learning by IBM |
| • Programming essentials in python(PCAP) by Cisco | • Oracle Generative AI Professional |
| • Introduction to Cyber Security by Cisco | • Artificial Intelligence Foundation by Infosys |

ACHIEVEMENTS

- Awarded First Prize in GenAI Hackathon Organised by SmartBridge. We Built CoutureAI, an AI-powered fashion visualization tool for realistic clothing generation from text.
- Won First Prize in AI Novice in Medha 2024 organized by MRECW, showcasing advanced technical expertise and innovative project development.