AMULYA DUDEKULA

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CAREER OBJECTIVE

Motivated and forward-thinking Computer Science undergraduate with a strong foundation in Artificial Intelligence and Machine Learning, aiming to contribute to innovative, research-driven, and impactful projects. Seeking a dynamic role where I can apply analytical thinking, creative problem-solving, and a deep passion for intelligent systems to deliver measurable value.

WORK EXPERIENCE

Research Intern, IIITDM Kurnool   **May 2025 - August 2025**

- Designing a multi-lingual legal chatbot using Retrieval-Augmented Generation (RAG) 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

AyurGuru: AI-Powered Ayurvedic Platform Using Machine Learning   Link

- **Tools Used:** Python, Gemini LLM
- Developed an AI/ML-powered Prakriti assessment platform using Google Gemini LLM and custom machine learning models to automate traditional Ayurvedic consultations, delivering accurate, real-time evaluations and replacing manual processes.
- Integrated a multilingual AI chatbot and personalized recommendation engine to provide tailored diet, lifestyle, and wellness guidance rooted in Ayurvedic principles.

Safe Link: Phishing Email Detection & Reporting System   Link

- **Tools Used:** Python, DistilBERT, LLMs, Vercel
- Built a phishing email detection system using a fine-tuned DistilBERT model, achieving 98% accuracy
- in identifying phishing attempts.
- Integrated LLMs to analyze detection scores and generate detailed reports on email safety, including tailored precautionary measures with a user-friendly front-end using HTML and deployed on Vercel for seamless accessibility.

EDUCATION

B.Tech in Artificial Intelligence and Machine Learning   **Sep 2022 - May 2026**
MallaReddy 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

- **Programming Languages:** Java, Python, C, SQL
- **Tools & Technologies:** RAG, LLMs, AWS Services, Git, GitHub, VS Code
- **SoftSkills:** Leadership, Team Collaboration, Adaptabilty, Time Management,Communication

CERTIFICATIONS

- Programming essentials in python by Cisco
- Oracle Generative AI Professional
- Cambridge English empower by Cambridge
- EDA for Machine Learning by IBM
- 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.
- **Position of Responsibility-** NSS Coordinator and Executive Body Member, actively involved in organizing and executing student-led initiatives.