Madhupriya Naga

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Education

Vignan Bharathi Institute of Technology, Hyderabad　　　　　**Sep 2024 – May 2028**
B.Tech in Information Technology, CGPA: 8.45/10.0

Experience

Smart Tourist Safety Monitoring & Incident Response System　　　　**24hr Hackathon**
AI, Geo-Fencing, Blockchain　　　　　　　　　　　　　　　　*Hyderabad, Telangana*

- Built an intelligent safety platform integrating AI, geo-fencing, and blockchain to enhance tourist security and emergency response.
- Implemented real-time monitoring, risk analysis, and secure digital identity verification for reliable and tamper-proof data handling.
- Collaborated in a **6-member** cross-functional team during a 24-hour hackathon, contributing to system design, feature integration, and rapid problem-solving to deliver a working prototype under tight deadlines.

Projects

Data Analysis & ML Project | *Python, Google Colab*　　　　　　　　　**Code**

- Developed a machine learning project using Python for data preprocessing, analysis, and prediction.
- Implemented model training, evaluation, and visualization in an interactive Colab environment.
- Collaborated with a 3-member team to implement conversational logic, data handling, and model integration.

Blog Generator | *Streamlit, LLaMA, Hugging Face APIs*　　　　　　　　**Code**

- Developed an AI-powered blog generator using **LLaMA** models via free *Hugging Face APIs*.
- Built an interactive **Streamlit** interface for prompt-based content generation.
- Collaborated with a 5-member team to design, integrate, and deploy an AI-driven content generation workflow.

Portfolio Website | *HTML, CSS, Javascript, APIs*　　　　　　　**Code**　**Live**

- Designed and developed a responsive portfolio website using *HTML, CSS, and JavaScript*, showcasing personal projects and skills.
- Integrated **Bootstrap** for a modern, mobile-friendly layout and implemented interactive features like a typewriter effect and a **"Magic Joke"** button.
- Highlighted projects with detailed descriptions, GitHub links, and a downloadable resume viewer for enhanced user engagement.

Technical Skills

Languages: C/C++, Python3, HTML/CSS, JavaScript, SQL(basic)
Technologies/Frameworks: PowerBI, Git/Github, Bootstrap, Google Colab, Streamlit
Fundamentals/Tools: Data structures, DBMS (basic), Windows, GNU/Linux(basic)

Achievements

- Progressed to *Round 1* in **Meta Hacker Cup 2025** - Global Rank(1030)