Praneeth Reddy Karrem

Full Stack Web Developer

+91 8639084086 | praneethreddykarrem123@gmail.com | Hyderabad, India | Website | LinkedIn | GitHub

EDUCATION

Malla Reddy University, Hyderabad, India - *B.Tech, Artificial Intelligence and Machine Learning -
GPA: 8.01*   **2021-2025**

Relevant Coursework: Full Stack Web Development, Artificial Intelligence, Python Programming.

SKILLS

Web Development	**:** React, Node.js, Express.js, HTML, CSS, JavaScript, Bootstrap
Database Management	**:** MongoDB, MySQL
API Development	**:** RESTful API, JSON
Design	**:** Figma, Canva
Programming	**:** Python
AI Techniques	**:** Machine Learning Algorithms, Natural Language Processing

PROJECTS

My Pocket AI – Budget Planner for Students, Link
- Created a full-stack web application using **React, Node.js, and MongoDB** to manage student budgets and providing personalized spending insights.
- **Integrated the Gemini API** and developed **interactive graphs and visualizations** to provide personalized expenditure insights, enhancing user engagement by **40%** and improving financial decision-making by **20%**.
- Incorporated secure user authentication, ensuring **zero data breaches** and protecting financial records.

NavAssist – Indoor Navigation App
- Developed a **web-based indoor navigation app** using **HTML, CSS**, and **JavaScript**, incorporating the *A Search Algorithm** for efficient route finding.
- Incorporated the *A Search Algorithm** to achieve an **85% reduction in navigation time** for users.
- Designed an intuitive interface, leading to **90% positive user feedback** for clarity and ease of use in unfamiliar environments.

Traffic Prediction For Intelligence Transport System using ML
- DarkSurfer-Extension, is a tool that uses advanced large language models to detect dark patterns on websites, enhancing user transparency
- Users can install the extension from cloning the GitHub repository, receiving real-time alerts and highlighted elements to identify and avoid dark patterns.

ACHIEVEMENTS

AI-ML Virtual Internship, AWS | **Link**   **May 2023**
Completed 10 weeks AIML Virtual Internship at AWS enhancing skills in artificial intelligence and machine learning.

Student Coordinator, Malla Reddy University   **Feb 2024**
Coordinated and managed key events, including a **24-hour nationwide hackathon** and the **Innovation & Entrepreneurship (I&E) Summit**, organized by the **Department of AI & ML** and **I&E Cell**. Oversaw logistics, participant registrations, technical support, and event execution, ensuring successful outcomes and high participant engagement.

Team Leader – Cloud Jams, GDSC Malla Reddy University   **Oct 2024**
Led a team of **15 members** to win the **Cloud Jams competition**, developing a cloud-based solution that showcased strong leadership and collaboration.

CERTIFICATIONS

AWS Academy Machine Learning , AWS | Link   **July 2023**
Introduction to Cyber Security Course, CISCO | Link   **Jan 2023**