MAYUR GANGIREDDY

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Career Objective

I am a Computer Science and Engineering graduate with a specialization in Artificial Intelligence and Machine Learning. I possess strong skills in Python, AI, ML, Android development, and frontend development. Passionate about problem-solving and innovation, I enjoy developing practical solutions that address real-world challenges. With excellent communication, collaboration, and leadership abilities, I thrive in both independent and team-oriented environments. I am continuously eager to learn new technologies and contribute to advancing the field of technology through impactful and meaningful work.

Education

SPHOORTHY ENGINEERING COLLEGE, HYDERABAD, INDIA Hyderabad, TG   **2021-2025**
Bachelors of Technology in Computer Science-AIML

SRI GAYATRI JUNIOR COLLEGE, HYDERABAD, INDIA Hyderabad, TG   **2019-2021**
Board of Intermediate Education - MPC

Skills

Programming Languages: Python Programming, Java, c, JavaScript, R
Database and Data Storage: My SQL, Firebase
Operating Systems: Windows
IDEs: Visual Studio, Jupyter, Pycharm, Android Studio
Frontend: HTML, CSS.
Soft Skills: Communication, Problem Solving, Adaptability, Spearheaded

Projects

Post-CNN framework for precise ship detection in high-resolution optical satellite imagery – Developing a post-CNN method is proposed for ship extraction from high-resolution optical images. It first detects ship proposals by classifying water and non-water regions, then extracts ships using a trained CNN

Android Applications: Developed the **Criminal Laws by TGPA** app, available on the Play Store, to enhance operational efficiency for the Telangana State Police and also developed the **SPHN Hostel** app, designed to streamline hostel management, yet to be launched

Intelligent Agricultural & Climate Data Q&A System: Designed a conversational analytics system that answers natural language queries by integrating government crop production and rainfall data, enabling cross-domain insights with full data traceability.

Multimodal Emotion Detection System (Face + Voice): Developed a Streamlit-based multimodal AI system for emotion recognition using a trained EfficientNet-B4 for facial emotions, MFCC-based MLP for speech emotion classification, and confidence-weighted fusion for final predictions.

Timeless Curation : Built a full-stack e-commerce platform using the MERN stack with a responsive, component-driven React frontend and scalable backend architecture. Designed intuitive user flows for shopping, wishlist management, checkout, and content-driven blogs.

Internships

Java Programmer - Acmegrade   **11/2023 to 01/2024**
- Designed, implemented, and maintained Java-based applications that can be high-volume and low-latency
- Envisioned system features and functionality

Certifications

- Certified C programmer by HackerRank
- Certified JAVA programmer by HackerRank
- Certified Python programmer by HackerRank
- IBM SkillsBuild (Artificial Intelligence Fundamentals)