RAMAGIRI ASHLESHA

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About Me

Motivated IT undergraduate with strong skills in programming languages like Java and Python. Experienced in leading teams and completing projects in academic and competitive settings. Skilled in using technologies like machine learning to create impactful solutions, including a mood-based music player and real-time suspicious activity detection using CNNs. Recognized for success in hackathons and delivering innovative projects.

Skills

Java   Python   C   JavaScript   GIT   HTML   CSS   SQL   Machine Learning   Leadership

Team Collaboration   Exploring new technologies   Mentoring   Problem-solving

Work Experience

Team Leader - Hackathon 2023   *july 2023 - | CMR Technical Campus*

- I led a team of six in the development of a Smart Education solution tailored for nomadic communities, successfully improving educational access for over 200 students.
- Set performance expectations for the team, monitoring progress towards goals and providing constructive feedback as needed.

Mentor - Smart Interviews   *Sep 2024 - | CMR Technical Campus*

- Guided and supported over 100 students in solving data structure and algorithm questions.
- Enhanced mentee performance by providing personalized guidance and support.

Projects

Mood-Based Music Player

- Designed and developed a mood-based music player using computer vision to analyze real-time facial expressions via a computer camera.
- Created personalized playlists that match the user's emotional state, enhancing user experience and promoting well-being.

Real-Time Suspicious Activity Detection Using CNNs

A deep learning model using CNNs for real-time detection of suspicious activities in video feeds, distinguishing routine and dangerous behaviors, optimized for accuracy and reliability in various conditions.

Education

B. Tech, IT - CMR Technical Campus   *2021 - 2025*

Intermediate, MPC - Vijaya Ratna Junior College   *2019 - 2021*

CBSE - Kendriya Vidyalaya Sangathan   *2009 - 2019*

Certifications

Completion of C Training

By IIT Bombay

Programming Essentials in Python

By CISCO

DSA JAVA

By Smartinterviews

NPTEL course (English Language)

By IIT MADRAS

Completion of HTML Training

Awards

Top Performer in the Branch

Skilled Orator and Mentor