Madineni Nitish Kumar

Student at Vellore Institute of Technology

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SUMMARY

Enthusiastic undergraduate student specializing in Artificial Intelligence & Machine Learning with a passion for technology and problem-solving. Skilled in Java, Python, SQL, Data Structures & Algorithms (DSA), and Machine Learning. Adept at organizing and managing technical events with strong leadership and communication skills. Familiar with R Studio and AI-driven solutions.

POSITION OF RESPONSIBILITY

Institution of Engineers (India) Student Chapter | Event Management-Lead (2025 - Present)
Contributed to various technical and management activities.
Gained hands-on experience in event organization and technical discussions.
Led a team of 25+ volunteers to ensure event success.

Discipline Department - VTAPP Technical Fest (2024)
Ensured smooth event proceedings by maintaining order and discipline.
Managed crowd control, rule enforcement, and conflict resolution during the fest.
Coordinated with event organizers to handle security concerns and ensure a professional atmosphere.

EDUCATION

Vellore Institute of Technology (2023 - 2027)
B.Tech in Computer Science & Engineering (AI & ML) | CGPA: 8.83

Narayana Junior College (2021 - 2023)
Percentage: 97.3%

PROJECTS

Driver Drowsiness Detector
Developed an AI-based driver monitoring system using Random Forest & Ensemble Learning.
Integrated OpenCV & dlib for real-time face and eye tracking.
Implemented real-time alert mechanisms for enhanced driver safety.
Technologies Used: Python, OpenCV, Machine Learning, TensorFlow.

Perfit e-Fashion
Designed and developed a responsive e-commerce fashion website.
Implemented HTML, CSS for front-end styling and UI/UX improvements.

TECHNICAL SKILLS

Programming Languages: Java, Python, C
Web Development: HTML, CSS
Database Management: SQL
Core Concepts: Data Structures & Algorithms (DSA), Machine Learning, Computer Vision, OpenCV, AI
Tools & Libraries: OpenCV, dlib, Pandas, NumPy, Scikit-Learn, TensorFlow
Data Analysis & Visualization: Basic knowledge of R Studio

ADDITIONAL SKILLS

Soft Skills: Communication, Problem-Solving, Leadership, Conflict Resolution

Languages: Telugu, English, Hindi