

A.NAVA KUMAR REDDY

CONTACT



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SKILLS

Java fullstack

SQL

Oracle

Python

C++

EDUCATION

B.Tech

NALLA MALLA REDDY ENGINEERING COLLEGE

2019-2023 PERCENTAGE:63%

INTERMEDIATE

SRI GAYATRI JUNIOR COLLEGE

2017-2019 PERCENTAGE:75%

SSC

PRIYA EDUCATIONAL ACADEMY

2017 PERCENTAGE:75%

LANGUAGES

English

Hindi

Telugu

PROFILE

Aspiring Software Developer

Looking for an opportunity that allows me to showcase my skills and contribute to the company's growth. To enhance my skills by taking on this challenging position and expanding my knowledge and to seek a position in a company that can launch my career and help me to build a stronger skill set.

PROJECTS

AUTOMATIC LICENSE PLATE AND HELMET RECOGNITION USING YOLOV5

Since motorcycles are affordable and the traffic has been increasing abnormally. there is a rapid increase in the accidents ratio due to the fact that most of the motorcyclists do not wear helmet. The existing solutions are built based on OCR. CNN. OpenCV. Python technologies and the video surveillance based system. which is effective but requires significant human assistance whose efficiency decreases with time. YOLO technology is used to detect the number plate of a motorcyclist without a helmet and as a further implementation. it sends the automatic message and also E-challan to the drivers to make them cautious in further payment of a fine.

DRIVER DROWSINESS DETECTION USING OPEN CV AND PYTHON

The main objective of driver drowsiness detection is to enhance road safety by detecting signs of driver fatigue and alerting them to prevent potentials accidents caused by drowsy driving

SMART ATTENDENCE SYSTEM USING FACE RECOGNITION:

The Smart Attendance System Using Face Recognition automates the process of tracking attendance in classrooms, reducing manual errors and saving time. The system utilizes OpenCV and Python for face detection and recognition, combined with a React.js frontend and a Django backend for seamless operation. It captures real-time attendance data, stores it in an SQLite database, and provides a user-friendly interface for faculty and administrators. As a Software Developer, you led the development of the core recognition algorithm, designed the system architecture, and optimized performance for real-time processing. Rigorous testing ensured over 95% accuracy under varied conditions. The project was successfully deployed and demonstrated, receiving positive feedback for its efficiency and scalability

HOBBIES

- Playing games
- Watching movies
- Reading books