

sampath katkam

full stack web developer

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[LINKEDIN](#) | [GITHUB](#)

EDUCATION

SAMSKRUTI COLLEGE OF ENGINEERING AND TECHNOLOGY
ELECTRONICS AND COMMUNICATIONS ENGINEERING B.TECH
CGPA: 6.8

Aug 2019 - July 2023
Hyderabad

ABV JUNIOR COLLEGE
MPC INTERMEDIATE
CGPA: 9.7

July-2017 - April-2019
Jangoan

SRI GOWTHAM HIGH SCHOOL
SSC
CGPA: 9.0

Apr 2017
Yadagirigutta

SKILLS

PROGRAMMING LANGUAGES	C , Java ,HTML ,Javascript ,CSS
LIBRARIES/Frameworks	Bootstrap
TOOLS / PLATFORMS	Eclipse,Visual Studio Code,Git
DATABASES	MySQL , PostgreSQL Oracle Database

PROJECTS / OPEN-SOURCE

FINGERPRINT BASED VEHICLE IGNITION SYSTEM USING ARDUINO

Aurduino

We propose a fingerprint locking system which provides a great solution to improve the safety management of vehicles. Arduino IDE software and a Bluetooth module were used to connect between the smartphone, the microcontroller is designed to give an easy access to authorized persons. The person with the authority can have access within their fingertips by installing the required application which has open/close button.

TRAFFIC-SIGN RECOGNITION

yolo

We proposed a Traffic-sign recognition (TSR) has been an essential part of driver assistance systems, which is able to assist drivers in avoiding a vast number of potential hazards and improve the experience of driving. However, the TSR is a realistic task that is full of constraints, such as visual environment, physical damages, and partial occasions, etc. In order to deal with such constraints, convolutional neural networks (CNN) are widely used to extract the features of traffic signs and classify them into corresponding classes. In this project, we initially created a benchmark (NZ Traffic Signs 3K) for the traffic-sign recognition .

CERTIFICATIONS

- Web development - barathintern.
- web development intern - codsoft.