R. Pranathi
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OBJECTIVE

I intend to be a part of an organization where I can constantly learn and develop my technical and management skills and make use of it for the growth of an organization. I look forward to establishing myself by adopting new technologies as well.

SKILLS

- Python
- Java & OOPS Concepts
- HTML & CSS

EDUCATIONAL QUALIFICATIONS

Qualification	Institute	University/Board	Year of Passing	GPA/CGPA
B.E.(ECE)	Prathyusha Engineering College, Tamil Nadu	Anna university	2024	9.01 (till 6th Sem)
Intermediate	Krishna Chaitanya Junior College, Andhra Pradesh	State Board (Andhra Pradesh)	2020	9.32
Xth	Nagarjuna School	State Board	2018	9.2

CERTIFICATION

- **DATA SCIENCE WITH PYTHON CERTIFICATION**

  Attended data science with python from Great Learning.

- **COURSERA CERTIFICATION**

  Attended Python Basics.

- **PYTHON COURSE CERTIFICATION**

  Attended python course from Edu Prep.

PROJECT DETAILS

Project: **Smart Traffic System**

We developed a software/hardware automatic prototype for managing the traffic at the traffic signals

by using IR sensors and Arduino. Traffic light control systems are widely used to monitor and control the traffic signals. They aim to realize smooth motion of cars in the transportation routes. However, the synchronization of multiple traffic light systems at adjacent intersections is a complicated problem given the various parameters involved. This leads to traffic jam and congestion. We propose a system based on PIC microcontroller that evaluates the traffic density using IR sensors and accomplishes dynamic timing slots with different levels. Moreover, a portable controller device is designed to solve the problem of emergency vehicles stuck in the overcrowded roads.

Project: Smart Door lock system with fingerprint using Arduino.

In this project, we have developed a smart door lock system using a fingerprint sensor to open and close the door. We used Arduino Uno microcontroller and fingerprint sensor, L293D driver IC to drive the dc gear motor and the motor is coupled with the door lock. When the fingerprint match than only the door open or close. Who has authorized person only can open the door If any unauthorized person trying to open the door means they cannot open the door because the fingerprint the sensor never accepts fingerprint there is no response from the microcontroller side.

ACHIEVEMENTS

- Maintaining the class first in academics.
- Elected as a class representative in the years 2021,2022.
- Good in Team Work and Team Leading.

HOBBIES

- Active Outdoor sports activities
- Taking seminar
- Badminton