Saran C

FULL STACK WEB DEVELOPER

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cheyyar, India 🏠

OBJECTIVE

To secure the position of the Software Engineer where I can utilize my software development and problem-solving skills for achieving the target and delivering the best performance in the esteemed organization.

Languages

English

Tamil

Skills

Software Development

Data Structures

Algorithms

MySQL

Agile

PYTHON

HTML

CSS

MYSQL

REACT.JS

FLASK

Communication Skills

Programming

Effective Time Managment

Adaptability

Ability to work in a team

Certifications

Python Full Stack Web Development

UNIQ Technologies

Links

my portfolio

Education

B.E.(CSE)
08/2018 - 05/2022 | Kalavai

Adhiparasakthi College of Engineering

Completed B.E.(CSE) under Anna University with CGPA 8.1.

HSC
Cheyyar

Wisdom Vidhyashram Matriculation Higher Secondary School

Completed HSC State Board of Tamil Nadu.

SSLC
Cheyyar

Wisdom Vidhyashram Matriculation Higher Secondary School

Completed SSLC State Board of Tamil Nadu.

Projects

Gesture Controlled Virtual Mouse

The Gesture Controlled Virtual Mouse simplifies human-computer interaction using hand gestures, eliminating the need for direct contact. It uses computer vision algorithms to recognize hand gestures and positions smoothly, without extra hardware. The project utilizes CNN models from MediaPipe with pybind11 and has two modules: one using MediaPipe Hand detection, and another using uniformly colored gloves. It currently operates on Windows.

Ration Shop Management System

The **Ration Shop Management System** is a web-based solution designed to streamline ration distribution, ensuring efficiency and transparency. It features **admin and user roles**, enabling inventory management, user authentication, and real-time notifications. Built with **Flask and MongoDB**, the system enhances security with hashed passwords and simplifies communication via email alerts. This digitized approach reduces manual errors, prevents fraud, and improves user experience in ration procurement.