

R SURIYA PRAKASH



+91 8838060247



suryadr1111@gmail.com



developersuriya.xyz

PROFILE

Highly motivated and detail-oriented recent graduate with a degree in Computer Science. Seeking to join a prestigious multinational company to leverage my skills in software development and contribute to personal growth and the company's success.

EXPERIENCE

Agam Technology Service | ReactJS, NodeJS, ExpressJS, MongoDB, Flask, SQL

Software Engineer | 2024 May - Present

Agam Technology Service Chioce recommendations for incompleted Project's

I am working on an incomplete React JS project and simultaneously working on a new project. I am also working on server-side web hosting.

SKILLS

Technical Skill

Front End Development : Reactjs, Javascript, Bootstrap, Html, Css.

Back End Development : Python, Java, C, MongoDB, Node JS, Express JS, Django, Flask, API.

Soft Skills

Communication, Teamwork, Problem-solving

Certifications

Certified MERN Technology (Udemy)

ADDRESS

Eachnari, Coimbatore 641021

Phone : +91 8838060247

Email : Suryadr1111@gmail.com

EDUCATION

B.E - Computer Science Enginnering

Karpagam Institute of Technology

2020 - 2024

CGPA : 8.03

HSC

Saliyar Mahajana Higher Secondary School
| Aruppukottai 2020 | Percentage - **60%**

SSLC

Saliyar Mahajana Higher Secondary School
| Aruppukottai 2018 - Percentage - **70%**

PROJECT

MINI PROJECT :

AI is related to my project. In this project, we will address the problem of using **hand gestures** to control actions such as scrolling up and down during a presentation. The goal is to develop a system that can recognize hand and finger movements to control a monitor and applications. We are considering this problem as solvable through the implementation of **hand gesture recognition** technology.

I am working on authentication, user interface, and database management for this project.

MAIN PROJECT :

Secure Data Transfer (SDT) is my project. In this project, we address the problem of securely transferring data in an environment where a lot of data is used and shared, including multimedia data. Personal data can be misused by third-party applications, and I am solving this problem with the feature extraction capabilities of SDT.

In **SDT**, we use highly effective encryption algorithms for data transfer. The application is built on a main server. Most data loss or misuse occurs in web applications and websites, especially those hosting over 100 sites, which are not secure for client-to-server data transfer. SDT inserts secure mechanisms to reduce data misuse and ensures secured transactions.

SDT works in a three-cycle process where the encryption algorithm operates in real-time to protect data from normal and malicious decryption attempts. The key and algorithm values are not fixed; instead, they are dynamically generated using AI. This results in more than 25 different algorithms in use, ensuring that data is not misused. Equally important, SDT implements end-to-end encryption to further secure data throughout the entire transfer process.

OTHER PROJECT :

WEB DESIGNING : Netflix Clone, Zomato, Swiggy and Making for Responsive WEB-SITE.

E-Commerce :

We are using React JSX to develop this project. The user manual includes features such as Order, Order Placement, Order Tracking, Order Card (Add to Card), and Feedback. The admin manual includes features for adding, removing, updating, deleting, user communication, user blocking, user tracking, and SEO using user favorite product identification.

For the user interface, we are utilizing React JSX (Fragment), Bootstrap, and JavaScript. For the back end, we are using Node.js, Flask, MySQL, OAuth (Login, Register, and Item Order), JavaScript, and Python.

Online Store :

We are developing a Python-based project using Flask. Currently, we are working on item addition, removal, updating, and deletion for the shop's admin manual. Users can place orders and view their orders. The technologies we are using include Python, Flask, Flask-SQLAlchemy, HTML, CSS, and an encryption program.