

# DARASAN. R

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<https://shanmugamtech.github.io/portfolio/home.html>

Nachikuppam, Krishnagiri, Tamil Nadu, India - 635121



## EXPERIENCE

### Sharp Career Technologies | Frontend Developer Intern

May 2024 - June 2024

Developed and maintained responsive web applications using HTML, CSS, JavaScript, and Bootstrap, translating requirements into user-friendly interfaces and optimizing for performance and scalability. Ensured timely delivery of high-quality projects while improving code quality with Git and GitHub.

## KEY SKILLS

- HTML, CSS, JavaScript, React JS
- Python, SQLite, C++ (Basics), DSA (Basics),
- Figma, Canva, Git, Git Hub, OSINT Tools
- Bootstrap
- Problem Solving, Leadership, Teamwork
- English, Tamil, Hindi (Full professional)
- Marathi (Native)
- Telugu, Kannada (Limited working)

## PROJECTS

### 1. Web model for large scale collection & utilization of used cloths / books / shoes.

#### Lead Frontend Developer, Team Co-Leader

February 2024 - March 2024

Led the development of "ReThread," an online platform promoting sustainable fashion by enabling the buying, selling, and recycling of gently used clothing. As Lead Frontend Developer and Team Co-Leader, focused on tackling textile waste and facilitating impactful donations to orphanages, driven by dedication and commitment to the project's success.

### 2. Spam - Email Detection using Maltego (OSINT) Tools

#### Cybersecurity Analyst - OSINT Investigator

August 2023 - September 2023

The project analyzed noreply@updates.freelancer.com using Maltego (OSINT) tools, uncovering links to multiple domains. IPQS flagged it as suspicious with a fraud score of 80, suggesting a SPAM trap or honeypot. WHOIS and DocumentCloud data indicated fraudulent activity tied to various organizations, including government entities.

### 3. Restaurant Website, To-Do List

#### Frontend Developer

July 2020 - Jan 2022

Developed responsive web applications and a restaurant website using HTML, CSS, JavaScript, and Bootstrap, integrating dynamic features like Todo lists and local storage for enhanced functionality while optimizing performance for diverse devices.

### 4. Adaptive Post-Quantum Biometric Authentication Framework for Decentralized Systems

#### Project Lead | Developer

January 2025 - April 2025

Developed an Adaptive Post-Quantum Biometric Authentication Framework designed for decentralized systems, ensuring robust security against quantum threats. This framework integrates biometric authentication with post-quantum cryptographic algorithms, enhancing data privacy and user authentication in blockchain-based and distributed environments.

## ACHIEVEMENTS

- Paper Presentation:** 2<sup>nd</sup> place at EL FUTURIX, Bannari Amman Institute, November 2024.
- Emerging Entrepreneur:** Won awards at RYLA , qualified for Singapore for industrial, Nov - Jan 2024
- Vashisht Hackathon:** 5<sup>th</sup> place, ₹3,000 prize at IIITDM Kancheepuram, March 2024.
- CONOCITHON 3.0 Hackathon:** 4<sup>th</sup> place at St. Joseph's College, IEEE Madras, September 2024.
- Python Coding:** 3<sup>rd</sup> place at Coding Mania, Kongu Engineering College, March 2023.

## EDUCATION

### Bachelor of Technology (B.Tech) 2021 - 2025

Majors: Computer Science and Engineering (CSE)

Kalasalingam Academy of Research and Education  
CGPA - 7.48

### 12th - Computer science 2020 - 2021

Shri Maruthi Matriculation Higher Secondary School

Percentage - 81.45%

## CERTIFICATIONS

- Introduction to Databases- NxtWave
- Cybersecurity Essentials- Cisco
- Design and Analysis of Algorithms - Code Chef
- Python Fundamental - Infosys Springboard

## INTEREST

- Frontend Developer
- Cyber Security (Digital Forensics)
- Research on new technology