

# DARASAN. R

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[Linkedin](#) , <https://shanmugamtech.github.io/portfolio/home.html> || [HackerRank](#)

## EXPERIENCE

### Sharp Career Technologies | Frontend Developer Intern

May 2024 - June 2024

Developed and maintained responsive web applications using HTML, CSS, JavaScript, and SQL, 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.

### Fiem Industry Ltd | Sap Sales Distribution Analyst

June 2025 - Present \*

I have hands-on experience in SAP all Module's and MS Excel, where I contributed to analyz the every month task requirements to the industry and we deliver the customer request on time with dedication and passion. I contributing to my best through my dedication , hardwork and quick learning ability.

## KEY SKILLS

- HTML, CSS, JavaScript, Networking
- Python, SQL , Data Structures, Java
- SAP, Git, Git Hub, MS Excel, Power BI , Canva, MS PowerPoint
- Bootstrap
- Problem Solving, Discipline, 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

May 2024 - June 2024

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.

## PUBLICATION

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

*1st International Conference on Research and Development in Information, Communication, and Computing Technologies (ICRDICCT 2025) (ISBN: 978-989-758-777-1).*

**Goal:** Proposed a secure and decentralized biometric authentication system designed to mitigate vulnerabilities from physical attacks, data breaches, and emerging quantum computing threats. **Key Technologies:** Combines post-quantum cryptography (lattice-based encryption) with a blockchain-based, decentralized storage mechanism (IPFS).

## 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 - 7.68

### 12th - Computer science 2020 - 2021

Shri Maruthi Matriculation Higher Secondary School  
Percentage - 81.45%

## CERTIFICATIONS

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

## INTEREST

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