

THUSHANTHAN SHANTHAKUMAR

MSc Cyber Security Graduate | IT Support | Web Developer

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PROFESSIONAL SUMMARY

MSc Computer Science with Cyber Security graduate with practical experience in Cyber Security, IT Support, Web Development and Secure Software Development. Experienced in developing commercial websites, managing hosting environments, configuring domains and supporting technology solutions for businesses. Strong understanding of web application security, vulnerability assessment, digital forensics, troubleshooting, databases and networking. Seeking opportunities within Cyber Security, IT Support and Technology-focused graduate programmes.

TECHNICAL SKILLS

Programming	HTML, CSS, JavaScript, Node.js, PHP, SQL, Java, C++
Cyber Security	OWASP Top 10, Secure Authentication, RBAC, SQL Injection Prevention, Vulnerability Assessment, Incident Response, Digital Forensics, Risk Assessment
Security Tools	Kali Linux, Wireshark, Burp Suite, SQLMap, OWASP ZAP, Autopsy, FTK Imager, VirtualBox, VMware
Databases	MySQL, MariaDB
Networking	TCP/IP, DNS, DHCP, Routing & Switching, Network Troubleshooting
Data & Reporting	Microsoft Excel, Power BI, Tableau, Python (Pandas, NumPy), Google Sheets
Dev & Infra	Git, GitHub, VS Code, IntelliJ IDEA, XAMPP, Hostinger
Operating Systems	Windows, Linux, macOS

PROFESSIONAL EXPERIENCE

Web Developer & Technology Lead

Oct 2025 – Present

Caaveri Wholesalers

- Designed and developed a commercial website using HTML, CSS and JavaScript.
- Managed website deployment and hosting using Hostinger; configured domains, DNS records and business email services.
- Acted as primary technology contact, coordinating updates, troubleshooting and ongoing maintenance.
- Supported digital presence and technology infrastructure for the business.

Web Developer

May 2026 – Present

FTD

- Developed website functionality using Node.js and JavaScript.
- Gathered business requirements from stakeholders and translated them into technical solutions.
- Implemented customer-facing functionality and booking-related features.
- Performed testing, debugging, deployment and ongoing maintenance.

Team Leader

Sept 2024 – Feb 2025

Sainsbury's

- Supported daily store operations, team coordination and staff supervision.
- Assisted with training, performance management and resolving customer issues.

Retail Assistant

Sept 2021 – Sept 2024

Sainsbury's

- Delivered high-quality customer service and supported day-to-day retail operations.
- Assisted with stock replenishment, merchandising and store standards.

Customer Delivery Driver

Mar 2021 – Sept 2021

Asda

- Delivered customer orders safely and efficiently, maintaining excellent service standards.

Customer Service Assistant

Jun 2018 – Mar 2020

Shell

- Served customers, processed transactions and completed daily operational reports.
- Ensured fuel deliveries complied with operational procedures.

Telecommunications Engineering Work Experience

Sept 2017 – Jan 2018

Voicelinx

- Assisted engineering teams and developed understanding of telecommunications infrastructure.

TECHNICAL PROJECTS

Secure Car Garage Management System (MSc Dissertation)

- Built a secure web-based garage management system using HTML, CSS, JavaScript (frontend) and PHP/MySQL (backend).
- Implemented Role-Based Access Control (RBAC), secure authentication, session management and OWASP security principles.
- Protected against SQL Injection via prepared statements; conducted vulnerability assessment and security testing.
- Considered GDPR requirements; produced full technical documentation and testing reports.

Ransomware Training Laboratory

- Built a controlled cybersecurity lab to simulate ransomware attack scenarios.
- Investigated malware behaviour, practised incident response and recovery procedures.

Commercial Website Development

- Caaveri Wholesalers – full design, build, hosting and ongoing maintenance.
- FTD – Node.js-based website with customer-facing features and booking functionality.
- Swami – contributed to website development, deployment and content management.

Software Engineering Project – Visual Disabilities

- Contributed to accessibility-focused software development improving usability for visually impaired users.

EDUCATION

MSc Computer Science with Cyber Security

Sept 2024 – Sept 2025

University of Kent

BSc Business Management

Sept 2019 – Jul 2023

University of Suffolk

CORE COMPETENCIES

Cyber Security • IT Support • Vulnerability Assessment • Secure Software Development • Digital Forensics • Technical Troubleshooting • Incident Response • Web Development • Database Management • Customer Service • Stakeholder Communication • Problem Solving • Team Leadership • Technical Documentation

LANGUAGES

English (Fluent) • Tamil (Native)