

DEVA SANJEEWAN

IT Support & Network Security Intern

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HANDS-ON EXPERIENCE

Veltron – Inline IoT Security Engine, Final Year Project

2026 – Present

- Designed and implemented a transparent inline security system to inspect and filter Modbus and MQTT traffic between industrial IoT gateways and sensor switches.
- Managed the complete project lifecycle independently, including requirements analysis, system design, implementation, and testing.
- Authored technical documentation covering architecture, threat model, and test results to support repeatable validation.

Palo Alto Firewall Lab, Independent Project

2025 – 2026

- Configured firewall security zones, policy rules, NAT policies, and inter zone access controls to replicate enterprise level network segmentation.
- Diagnosed and resolved connectivity and NAT traversal issues using packet capture analysis and session table inspection.
- Built a multi router network topology to simulate OSPF routing and validate firewall policy behavior.

AWS Cloud Security Lab, Independent Project

2025 – 2026

- Configured a virtual private cloud with custom security groups applying least privilege access rules.
- Created IAM roles with least privilege policies and enabled CloudTrail logging for audit visibility.
- Reviewed cloud activity logs to identify unauthorized access attempts and validate security posture.

EDUCATION

BEng (Hons) Computer Networking and Cloud Security, Top Up

2026 – Present

London Metropolitan University at ESU, Kandy

HND Network Engineering and Computing

2023 – 2026

London Metropolitan University at ESU, Kandy

G.C.E. Advanced Level – Physical Science Stream

2024 – 2025

Trinity College, Kandy

G.C.E. Ordinary Level

K/Rajawella Hindu National College

KEY SKILLS

- Network Security
 - Cloud Security (AWS)
 - Firewall Configuration
- Network Troubleshooting
 - IT Systems Support
 - Technical Documentation
- Problem Solving
 - Cyber Security Fundamentals
 - Project Management

ADDITIONAL PROJECTS

NMD Computers – Stock Management System

Client Project

- Built a full-stack inventory and stock management system for a PC retail and assembly shop using React, Node.js/Express, and SQLite, deployed on Railway.
- Developed a companion Windows POS terminal application in C#/.NET, operating offline-first with background synchronization to the main system.
- Implemented secure authentication, warranty claims tracking, branch filtering, and CSV/JSON import-export functionality with audit logging.

WATCHER – Network Monitoring & Blocking Tool

Personal Project

- Designing a Windows network monitoring tool combining real-time traffic visibility with deep packet-level detail.
- Architected a C# (.NET) host application paired with a Rust sidecar for high-throughput packet capture across multiple network interfaces.

AI Agent Development Pipeline

Personal Project

- Built a multi-agent automation pipeline (n8n + CLI-based AI agents) to autonomously develop complete software applications end to end.
- Designed role-specialized agents with token-efficient, security-conscious workflows.

Hermes Companion App

Personal Project

- Designing an Android companion app (Expo + React) to give full visibility and control over an AI agent's output, beyond a basic chat interface.

CERTIFICATIONS

- Fortinet NSE 1 – Network Security Associate
- Fortinet NSE 2 – Network Security Associate
- Fortinet Certified Fundamentals in Cybersecurity
- Cisco Introduction to Cybersecurity

LANGUAGES

- Tamil – Native
- Sinhala – Basic
- English – Professional Working Proficiency

REFERENCES

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