

DEVA SANJEEWAN

Solution Engineering Intern | LEARN

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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.

Cloudflare Portfolio & Blog Platform, Independent Project

2026 – Present

- Built and deployed a [personal portfolio](#) and blog on Cloudflare Pages with custom domain and DNS configuration.
- Configured Cloudflare Zero Trust Access policies to restrict administrative pages and API routes to authorized access.
- Created a private Cloudflare R2 bucket for planned blog image storage.

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

AWS Cloud Security Lab

Independent Project

- 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.

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 – DOOM-Bots

Personal Project

- Built a Node.js automation pipeline using Claude Code and nine specialized AI agents for software planning, development, and review.
- Designed token-efficient workflows with security reviews and approval gates.

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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