# Loshana Aloka Dharmapriya

O Horana, Sri Lanka

♀ He/Him

■ Sri Lankan

March 2003

A self-driven individual who loves to learn and experiment with like-minded people. My interest goes towards offensive and defensive cyber operations and systems management. Willing to take opportunities that can help me advance in cyber as a career.

## **SKILLS**

**System management:** Linux (Debian, Fedora and Arch based) | FreeBSD | Windows

**Computer Security:** Monitoring | Sandboxing | System hardening | Patch management | Trust management | Access control | Privacy

**Networking:** Firewalls - PfSense, OPNsense Remote access (VPN) | Mesh networks | Domain management | DNS | Web servers | Caching

**Virtualization:** QEMU/KVM | Proxmox VE | Hyper-V | Containers (LXD, Podman, Docker)

**DevOps:** CI/CD | Infrastructure as Code | Configuration management | Cloud computing

**Programming:** Rust | C/C++ | Python | Javascript | Shell scripting (Bash and Powershell) Assembly

**Technical Support** 

**Documentation** 

## **PROJECTS**

**Software Sandboxing on Windows** *⊘* 

2023 - 2024

Originally an academic study, it is an exploration about alternative ways that can be used to sandbox or isolate programs on Windows.

#### CERTIFICATES

**Certified in Cybersecurity (CC) by ISC2 ⊘** 

Credential/Member ID: 2337767

### **EDUCATION**

**BSc.** (Hons) Computer Security

University of Plymouth *⊘* 2021 – 2024 | Sri Lanka

An affiliate degree program offered by NSBM, Sri Lanka. Completed with First Class Honors.

Diploma in Information Technology (DiTec)

ESOFT Metro Campus @ 2020 | Sri Lanka

G.C.E. Ordinary Level

Ministry of Education 2019 | Sri Lanka

Achieved: 8As and 1B for 9 subjects

#### VOLUNTEERING

ISC2 ∂

Member

2024 November – present | Global

NSBM ISACA Student Group *⊘* 

Executive/Committee Member

2023 March - 2025 March | Sri Lanka

Volunteered as a member and then as an event co-ordinator to bring awareness and insights on IT and cyber landscape for students and the local community.