DINUKA LIYANAGE

Information Security Intern
TO MAKE BUSINESSES & INFORMATION SECURE THROUGH CYBER & NETWORK SECURITY

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OBJECTIVE

Aspiring cybersecurity professional and driven undergraduate eager to protect and secure critical business infrastructure. I believe without security, people and businesses cannot feel safe to innovate, collaborate, or provide exceptional service. Seeking an opportunity to leverage my passion, technical skills, in cybersecurity to safeguard organizational data and fortify information security.

TECHNICAL SKILLS

- Network Administration
- Incident Response
- Network Security
- Security Vulnerability Assessment
- Project Management
- SIEM Implementation
- Computer Forensics
- CIS V7, NIST 800-53, ISO 27001
- Threat Intelligence and modelling

SOFT SKILLS

- Leadership
- Critical Thinking
- Problem solving
- Teamwork
- Attention to detail
- Time Management
- Continuous Learning Mindset
- Ethical Judgement
- Integrity

PROJECT EXPERIENCE

Development of a Network Security Automation Toolkit – ARTEMIS

Project Link – https://github.com/Dinuka7L/Artemis-NSAT

- Small-to-medium enterprises (SMEs) lacked the resources to implement comprehensive security measures.
- Developed CLI-based, modular, lightweight network security automation tool tailored for small to medium enterprises (SMEs), providing vulnerability scanning, automated security controls, and compliance benchmarking.
- Enhanced organizational security posture by automating scanning of vulnerabilities to mitigate specific attack vectors based on non-compliant security controls.
- Reduced the time and expertise required to secure SME networks by automating critical security tasks.
- Improved security awareness and posture for SMEs by providing actionable insights through automated vulnerability and compliance reports.

Key Technologies: Python, GNS3, Cisco IOS, AES-256 Encryption, CIS/NIST Frameworks, Modular Development, Secure Coding Practices, Network development & management

EDUCATION

Edith Cowan University   August 2022- Present
    Bachelor of Science in Cybersecurity (Final Year)

Richmond College Galle   May 2021- December 2023
    GCE Advanced Level (2023) - Commerce Stream
    3A's , Z-Score 2.5195

ACHIEVEMENTS

Island 7th, Galle District 1st
GCE Advanced Level (2023) – Commerce Stream
Became all island 7th and Galle district 1st among 60000 students competing in Advanced Level Commerce Stream 2023 reaching top 0.01% of performers.

Sri Lankan Schools Sports Shooting Association(SLSSSA) Certified Sharpshooter
Achieved sharpshooter certification from SLSSSA by comprehensive testing and demonstration of rifle shooting skills.

PROFESSIONAL QUALIFICATIONS

Cisco Certified Network Associate (CCNA) v7   Mar 2024 – Feb 2025
Accomplishments:
- Introduction To Networks(ITN) (Completed).
- Switching, Routing & Wireless Essentials (SRWE) (Completed).
- Enterprise Networking, Security, and Automation (ENSA) (Completed).

CERTIFICATES

- CCNA: Switching, Routing, and Wireless Essentials by Cisco.
- CCNA: Introduction to Networks by Cisco.
- CCNA: Enterprise Networking, Switching and Automation.
- Foundations Of Operationalizing MITRE ATT&CK Framework by ATTACK IQ.
- Network Security by Lanka Network Operators Group (LkNOG).
- Introduction to Cybersecurity by Cisco.
- Learning Cyber Incident Response and Digital Forensics by LinkedIn Learning.

PROFESSIONAL ENGAGEMENTS

Fellow at Lanka Network Operators Group (LkNOG) 8 – National Conference   August 2024
Engaged in evaluation of:
- Networking infrastructure & regulatory frameworks in Sri Lanka.
- Security Monitoring.
- Network Infrastructure Security.
- BGP Operational Security.

ACTIVITIES & SOCIETIES MEMBERSHIPS

- IT Society – Member.
- Commerce Society – Member.
- Richmond Live(Media Broadcasting Team) – Live Producer & Video Editor.
- Rifle Shooting – Member.
- Swimming.
- Basketball.

REFEREES

Mr. Suresh Motha– Managing Director– IEBS Management Academy
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Mr. Jude Kiruparetnam – SOC Manager, Senior Consultant – MilleniumIT ESP
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