DINUKA LIYANAGE

Information Security Professional & Software Developer
TO DELIVER BUSINESSES SOLUTIONS & INFORMATION SECURE THROUGH CYBERSECURITY

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portfolio: dinuka7l.github.io/dinuka-portfolio/

OBJECTIVE

Aspiring cybersecurity professional and driven undergraduate eager to protect and secure critical business infrastructure. Driven by a disciplined, winning mindset. Combined with my exposure to both technology and business academic backgrounds, I strive in identifying and coming up with solutions on real world business needs. Eager to apply for an organization which values innovation and technology.

TECHNICAL SKILLS

- Network Administration
- Incident Response
- Network Security
- Security Vulnerability Assessment
- Project Management
- SIEM Implementation
- Computer Forensics
- SOC Operations
- Full Stack Development (MERN)

SOFT SKILLS

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

WORK EXPERIENCE

Junior Cybersecurity Analyst – CryptoGen   **June 2025- July 2025**

- Monitored network traffic and security events using SIEM (FortiSIEM), EDR, and XDR tools to identify and respond to threats affecting high-profile clients including banks and public institutions.
- Collaborated with the Security Operations Center (SOC) team to perform real-time incident triage, log analysis, and threat containment, achieving SLAs and threat identification.
- Gained hands-on experience with cybersecurity operations, importantly, working ethically and professionally.

KEY PROJECT EXPERIENCES

Development of a Network Security Automation Toolkit – ARTEMIS (Final Year University Project)

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

Roles: Project Lead, Systems Architect, Security Researcher, Software Developer.

- Developed, modular, lightweight network security automation tool tailored for small to medium enterprises (SMEs), providing vulnerability scanning, automated network security controls, and compliance benchmarking.
- Improved security awareness and posture for SMEs by providing actionable insights through automated vulnerability and compliance reports on local networks identifying critical vulnerabilities and security gaps.

Development of a Web Application Authentication System using MERN Stack (Personal Project)

Project Link – https://github.com/Dinuka7L/MERN-Auth-System

Medium article - https://medium.com/@dinoo.walker7/web-application-authentication-systems-7888255d8c52

- Developed a complete authentication system for a web application using MongoDB, Express.Js, React, Node.Js. The authentication system includes email-password based login, email verification, authorization codes, MFA Implementation and reset password functionality.
- Used Token Based Authorization with JWT, TOTP Based MFA Verification, Route Protection, Session & Cookie Management achieving robust web application security systems designing experience and implementation.
- Gained experience on full stack development with strong research in web application authentication systems

EDUCATION

Edith Cowan University, Perth, Australia   **August 2022- Feb 2026**

       Bachelor of Science in Cybersecurity (Final Year)

University of Sri Jayewardenepura, Sri Lanka   **Jan 2025- Present**

       Bachelor of Science Honors in Accounting (Specialized)

Richmond College Galle, Sri Lanka   **2010 - December 2023**

       GCE Advanced Level (2023) - Commerce Stream

       3A's , Z-Score 2.5195 (ICT, Economics, Accounting)

ACHIEVEMENTS

Advanced Level Examination 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

(University of Moratuwa Cisco Networking Academy)
Accomplishments:
- Introduction To Networks (ITN).
- Switching, Routing & Wireless Essentials (SRWE)
- Enterprise Networking, Security, and Automation (ENSA)

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).
- Fortinet Certified Fundamentals In Cybersecurity.
- Postman API Fundamentals by Postman.

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.

Finalists on SLIIT Codefest 2025 CTF Competition
- Out of 48 teams, reached top 23 for the finals. Gained hands-on experience in solving complex challenges through teamwork in time-critical situations.

ACTIVITIES & SOCIETIES MEMBERSHIPS

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

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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