

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/](https://github.com/dinuka7L/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

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

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

Junior Cybersecurity Analyst – CryptoGen

May 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.
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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, 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.
- Gained experience as the project lead, leading my team from initial planning to product delivery successfully.

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

Bachelor of Science in Cybersecurity (Final Year)

August 2022- Feb 2026

University of Sri Jayewardenepura, Sri Lanka

Bachelor of Science Honors in Accounting (Specialized)

Jan 2025- Present

Richmond College Galle, Sri Lanka

GCE Advanced Level (2023) - Commerce Stream
3A's , Z-Score 2.5195 (ICT, Economics, Accounting)

2010 - December 2023

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.

1st Runner-up CTF Competition – SLIIT CODEFEST 2025

Our team “root@ECU:~” became the 2nd best team out of 48 teams of different universities across Sri Lanka on the capture the flag competition organized by SLIIT Codefest 2025 with the challenges designed by KPMG Sri Lanka.

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.

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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