

# DINUKA LIYANAGE

Information Security Professional & Software Developer

**TO DELIVER BUSINESSES SOLUTIONS & INFORMATION SECURE THROUGH CYBERSECURITY**

phone: +94 777 802 804 email: [dinuka.liyanage7@gmail.com](mailto:dinuka.liyanage7@gmail.com) LinkedIn: [linkedin.com/in/dinuka-liyanage](https://www.linkedin.com/in/dinuka-liyanage)

portfolio: [dinuka7L.github.io/dinuka-portfolio/](https://github.com/dinuka7L/dinuka-portfolio/)

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## 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.

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## TECHNICAL SKILLS

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

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

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## 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

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## ACHIEVEMENTS

### Advanced Level Examination Island 7<sup>th</sup>, Galle District 1<sup>st</sup>

GCE Advanced Level (2023) - Commerce Stream  
*Became all island 7<sup>th</sup> and Galle district 1<sup>st</sup> 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.*

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## 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)

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## 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.

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## 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.

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## 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.

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## REFEREES

### Mr. Suresh Motha- Managing Director- IEBS Management Academy

- Email: [sram.management@gmail.com](mailto:sram.management@gmail.com)
- Phone: +94 076 3193 473

### Mr. Jude Kiruparetnam – SOC Manager, Senior Consultant – MilleniumIT ESP

- Email: [judek@milleniumitesp.com](mailto:judek@milleniumitesp.com), [j.kiruparetnam@ecu.edu.au](mailto:j.kiruparetnam@ecu.edu.au)
- Phone: +94 71 111 110