ANGELO LIYANAGE

Cyber Security Undergraduate

EDUCATION

July 2024 - Present
APIIT SRI LANKA | STAFFORDSHIRE UNIVERSITY, UK

- BEng (Hons) Cyber Security - Reading
- APIIT Lanka Foundation - Computing

Oct 2023 - June 2025
AQUINAS COLLEGE OF HIGHER EDUCATION

- Diploma in English Language and Literature

July 2025 - Oct 2025
INSTITUTE INFORMATION OF TECHNOLOGY

- Course of Artificial Intelligence

Jan 2017 - Dec 2022
GCE ORDINARY LEVEL - SOORIYAWEWA NATIONAL SCHOOL

April 2025 - Oct 2025
MACQUARIE UNIVERSITY

- Human-Centric Cybersecurity

Dec 2025
UNIVERSITY OF MORATUWA

- Course of python

Feb 2026 - Present
SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

- Course of AI-ML

PROFILE INFO

Cyber Security final year Undergraduate with a strong foundation in cybersecurity principles, networking, system administration, vulnerability assessment, and security best practices. Hands-on experience with Linux environments, network reconnaissance, penetration testing concepts, Capture The Flag (CTF) challenges, and cybersecurity labs. Familiar with security tools including Nmap, Wireshark, Metasploit, Kali Linux, and Active Directory fundamentals. Passionate about cybersecurity, continuous learning, and applying technical skills to protect systems, networks, and data.

PROJECTS

WILD-STEP MOBILE APP

Implemented secure authentication and API security for Stripe and Google Map integrations. * Applied MVC architecture to ensure clean code separation and reduce attack surfaces.
GitHublink: - https://github.com/Angelo20061019/wild_step.git

GROCIES SUPER MARKET

Developed a secure database structure using MySQL to prevent unauthorized data access.
GitHub link: https://github.com/Angelo20061019

CAB MANAGEMENT SYSTEM DESKTOP APPLICATION

Built a Cab Management System using C# and MySQL, ensuring secure handling of transaction data. Security by Design:.
GitHublink: https://github.com/Angelo20061019/CabManagementSystem

SKILLS

Cyber Security Skills

- Vulnerability Assessment
- Network Security
- Security Monitoring
- Incident Response Fundamentals
- Threat Analysis Basics
- Security Awareness
- Penetration Testing Fundamentals
- Network Reconnaissance

Security Tools & Technologies

- Kali Linux
- Ubuntu Linux
- Windows Administration
- Nmap
- Wireshark
- Metasploit
- Git & GitHub
- MySQL
- Active Directory Basics

Networking

- TCP/IP
- DNS
- DHCP
- VPN
- Firewall Fundamentals
- OSI Model
- Ports & Protocols
- Network Troubleshooting

Programming & Development

- Python
- C#
- PHP
- HTML
- CSS
- MySQL

CYBER SECURITY LABS & CAPTURE THE FLAG (CTF)

- Practiced cybersecurity concepts in legal lab environments.
- Performed vulnerability analysis and basic exploitation techniques.

Worked with:

- SQL Injection
- Cross-Site Scripting (XSS)
- PCAP analysis
- HTTP Basic Authentication
- Linux privilege escalation
- Redis misconfiguration
- FTP enumeration
- sudo misconfiguration analysis
- Improved understanding of system vulnerabilities and attack techniques.
- GitHub: angelo20061019.github.io/CTF-box-/

EVENT MANAGEMENT SYSTEM DESKTOP APPLICATION

C# and MongoDB
Github Link: https://github.com/Angelo20061019/EventManagementSystem-

LANGUAGES

- English
- Sinhala

CONTACT

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Angelo20061019
Moragasmulla, Rajagiriya.

REFERENCES

- **Mrs. Tharanga Peiris**
  Senior Lecturer - APIIT Sri Lanka
  tharanga@apiit.lk
- **Mr.Krishnadeva Kesavan**
  Lecturer (APIIT)
  krishnadeva@apiit.lk