

ASHEN AMANTHA

CYBER SECURITY INTERN

266/36/A, Negombo Rd, Peliyagoda | ashenamantha122@gmail.com | www.ashenamantha.me
0785679446 / 0770186025

Undergraduate student eager to learn and grow in ethical hacking and cybersecurity. Passionate about identifying vulnerabilities, improving security, and gaining hands-on experience in bug bounty programs.

SKILLS

- | | | |
|----------------------|-----------------------------|-------------------|
| • Bug Bounty Hunting | • Digital Forensics (Basic) | • Ethical Hacking |
| • Network Security | • Linux System Security | • CTF Challenges |
| • Web Development | • Programming | • Cloud Security |
| • HTML CSS JS PHP | • C C++ JAVA Python | • SIEM |
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PROFESSIONAL EXPERIENCE

Cyber Security Intern (One Month Programme)

MAY 2025 - JUNE 2025

Prodigy InfoTech (Remote)

- Network Packet Analyzer | Python (Scapy)
 - Captured & analyzed packets (IPs, protocols, payloads) for traffic monitoring.
- Ethical Keylogger | Python
 - Logged keystrokes to file with emphasis on user consent & ethical use.
- Password Strength Checker | Python
 - Evaluated security against brute-force attacks (length, complexity, feedback).
- Caesar Cipher Tool | Python
 - Implemented encryption/decryption to study classical cryptography basics.
- Image Encryption Tool | Python
 - Encrypted/decrypted images via pixel manipulation (swapping/math operations).

IT Ops & Support Executive

FEB 2024 - APRIL 2024

Lassana.com Private Limited (On-site)

- Platform Monitoring
- Maintaining Clear Database
- IT Support & Troubleshooting

PROFESSIONAL DEVELOPMENTS AND PROJECTS

- **Bug bounty hunter**—skilled in identifying and reporting security vulnerabilities in web applications and networks. Experienced in ethical hacking, penetration testing, and responsible disclosure.
- **VMWare virtual homelab** - Windows server running Active Directory, DNS, DHCP, SSH, and workstation. Used to practice pentesting techniques in a safe, controlled environment.
- **Port Scanning Tool** - Python-nmap-based portscanner , that can be used to scan open ports on a specific network IP.
- **Smart Traffic Light Control System** (Octave MATLAB)- Designed and simulated an adaptive traffic light controller to optimize flow using real-time data input.
- **E-blog channel** - created a blog to share knowledge and awareness about cyber security, demonstrating my knowledge.
- **Boat Safari Trip Management System** - CRUD Tech Stack Frontend HTML, CSS, JavaScript, Backend: PHP Database: MySQL

EDUCATION

Bsc (Hons) IT Spc Cyber Security SLIIT

2023 - 2027

- 3rd Year
- Recent GPA: 3.85

GCE ADVANCED LEVEL

2020 - 2023

ST. JOSEPH'S COLLEGE (Colombo 10)

- Completed GCE Advanced level Physical Science (Maths) in fully English medium Achieving B C C grades.

GCE ORDINARY LEVEL

2008 - 2019

ST.ANTHONY'S COLLEGE(Wattala)

- Achieved the best results (9A's) for all the subjects for the Examination in fully English medium

ACHIEVEMENTS

- Dean's List Award - 2 YEAR 1 SEMESTER
- Dean's List Award - 2 YEAR 2 SEMESTER
- Global Top 5% - Try Hack me

CERTIFICATIONS

- Certified in Cybersecurity (CC) -ISC2
- Cisco Certified Ethical Hacker - Skill for All Cisco
- CCNA - Netcad (reading)
- CompTIA Security Plus—Cybrary (reading)
- Cyber Security 101 - Try hack me
- Introduction to Cyber Crime - Great Learning Academy
- Web Design for Beginners—University of Moratuwa
- Introduction to Cyber Security - Cisco
- Titled Graphic Designer - TCTI

EXTRA CURRICULAR ACTIVITIES & VOLUNTEERING

- Member - ISACA
- School Prefectship
- President of School IT Community
- President of School Debate team
- Karate Completed upto 7th KYU

REFERENCES

Amila Senarathne

- Head - Industry Engagement Unit
- Senior Lecturer - Department of Computer Systems Engineering
- Manager - SLIIT CISCO Academy
- Faculty of Computing SLIIT, Malabe Campus.
- Mobile: 0718130732 Email: amila.n@slit.lk

Daniel Christina

- Regional HR Business Partner
- ACCELaero - Information Systems Associates FZE
- Mobile+94 76 179 6673