

G. AMEESHA HESHAN

Information Security | Penetration Tester | Security Researcher | Threat Hunting
Cybersecurity Analyst | API Security | Network Security

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ABOUT ME

Self-motivated, technically skilled cybersecurity enthusiast currently pursuing a **BSc (Hons) in Cybersecurity**. Over **1+ year** of hands-on experience in **penetration testing, vulnerability assessment, security operations** and **software engineering** with a High Skills and passion for **ethical hacking and cyber defense**. Possesses deep knowledge of **programming, system administration, cloud security, and network security**. Experienced in **Windows, Linux (Kali, Ubuntu, Arch), and macOS**, with hands-on exposure to security configuration, and **command-line operations**. learning and practicing through platforms such as **Hack The Box and TryHackMe**. Actively pursuing **CompTIA Security+, CEH, CCNA, and CCNP**.

WORK EXPERIENCE

SUGOI International Pvt Ltd. – Junior Software Engineer | Task Automation

DEC. 2023 – NOW

System Support, System Security, Automation, Development

- Provided system support, Software Security Test, Task Automation and Product Development.
- Troubleshoot and resolved issues in business-critical applications to smooth operations.
- Monitored and enforced Production security and protocols.
- Handled network troubleshooting in Company Intranet and Extranet.
- Contributed to increased operational efficiency through responsive and strategic IT solutions.

Ceylon Leisure Travels Pvt Ltd.

MAR. 2022 – AUG. 2023

Web Developer (Coded / CMS)

- Developed responsive and user-friendly websites using HTML, CSS, PHP, MySQL, Laraval, bootstrap and WordPress.
- Designed and implemented custom WordPress themes and plugins tailored to client needs.
- Conducted regular manual testing to ensure functionality, performance, and user experience.
- Focused on website security, performing checks to identify and resolve vulnerabilities.
- Ensured websites were stable, secure, and free from critical flaws through ongoing maintenance and testing.

Xpert Solutionz Pvt Ltd.

MAR. 2022 – AUG. 2023

Web Developer

- Designed and developed user-friendly websites using WordPress Shopify.
- Conducted manual testing to identify and resolve functional and security issues.
- Ensured website security and stability through regular vulnerability assessments.
- Maintained overall website functionality, performance, and user experience.
- Delivered responsive and efficient websites that met client and company requirements.

CERTIFICATION AND COURSES

Certified Red Team Operations Management (CRTOM) - [Verification Link](#)

29 DEC 2025

Red Team Leaders

- Gained practical understanding of designing and managing enterprise-level red team operations.
- Learned to plan and execute threat-led penetration testing (TLPT / TIBER-EU) engagements
- Gained exposure to C2 architecture design and governance
- Learned approaches for cloud red teaming and validating detection capabilities

SLYSC/Cybersecurity Essentials/2021-B-01 - ([Verification Link](#))

27 DEC 2021

Cisco Network Academy

- Gained strong understanding of the CIA Triad and core cybersecurity principles.
- Studied offensive techniques like malware, social engineering, and data exfiltration.
- Acquired hands-on skills in network security, firewalls, IDS/IPS, encryption, and security governance.
- Learned threat intelligence, vulnerability management, and incident response.
- Demonstrated proficiency through Cisco Networking Academy final exam on secure network design.

Networking Essentials - ([Verification Link](#))

01 OCT. 2022

Cisco Network Academy

- Designed and implemented SOHO networks with wired and wireless components.
- Configured Cisco routers and switches using CLI.
- Managed network services including DHCP, IPv4/IPv6, and basic wireless LAN setups.
- Completed 19 labs and 24 Packet Tracer exercises for hands-on practice.
- Learned core networking concepts: Ethernet, protocols, basic security, and device communication.

Introduction to Cybersecurity - ([Verification Link](#))

07 OCT. 2022

Cisco Network Academy

- Built a foundation in cybersecurity principles, privacy, and data protection.
- Explored global cyber threats and industry demand for cybersecurity skills.
- Learned to identify network vulnerabilities and basic threat defense techniques.
- Studied cybersecurity frameworks, certifications, and career pathways.
- Completed the course and passed the Cisco Networking Academy final exam.

Introduction to IOT- ([Verification Link](#))

14 JAN. 2022

Cisco Network Academy

- Gained foundational knowledge of IoT and its role in digital transformation.
- Explored integration of AI/ML, data analytics, and cloud with IoT for intelligent systems.
- Learned the importance of IoT cybersecurity and securing connected devices.
- Studied Intent-Based Networking (IBN) for scalable, automated IoT management.
- Completed Cisco course and passed the final assessment.

CERTIFICATION AND TRAINING

- Planning Final Exam for the Cisco Certified Network Associate (CCNA) - (Network Api Institute)
- Planning to study for the Certified Ethical Hacker (CEH) - (CICRA Campus)
- Currently Studying for the CompTIA Security+ (Self-Placed)

EDUCATION

CINEC CAMPUS - MALABE

Aug. 2024 - Present

Undergraduate BSc (Hons) in Cybersecurity

Pursuing a BSc (Hons) in Cybersecurity in Cybersecurity, focusing on technical training covering programming, networking, Vulnerability assessment, incident response, anomaly detection, professional IT practices, and strategic project management with an in-depth understanding of advanced cybersecurity frameworks and methodologies.

2021 - 2023

KAHAMBILIYAWALA M.V

GCE Advanced Level Examination

GCE Advanced Level Examination completed at Arts Stream, with Information and Communication Technology (ICT) Subject with a C grade.

OTHNAPITIYA K.V

2019

GCE Ordinary Level Examination

GCE Ordinary Level Examination completed

SKILLS

- Risk Assessment & Management
- Vulnerability Assessment
- Incident Response Basics
- Security Auditing
- Security Operations (SOC) Basics
- Network Monitoring
- Vulnerability Exploitation
- Web Application Testing
- Exploit Development Basics
- Bug Bounty Hunting
- Cloud Security

LANGUAGES & FRAMEWORKS

- Python
- Java
- PHP
- Go (intermediate)
- SQL
- Bash (intermediate)
- Laraval

TOOLS & TECHNOLOGIES

- **Risk Assessment & Management** - OpenVAS
- **Vulnerability Assessment** - Nessus, OpenVAS, Qualys, Nmap, Nikto
- **Incident Response Basics** - Autopsy
- **Security Auditing** - OpenSCAP, Open-Audit
- **Security Operations (SOC) Basics** - grafana
- **Network Monitoring** - Wireshark, EtterCap
- **Vulnerability Exploitation** - Metasploit Framework, Nuclei, Personal Tools
- **Web Application Testing** - Burp Suite, OWASP ZAP, Postman, Nikto, ffuf
- **Exploit Development Basics** - pwntools
- **Bug Bounty Hunting** - Burp Suite, Nuclei, Subfinder, Amass, HTTPX
- **Cloud Security** - CloudSploit, AWS IAM Access Analyzer, Azure Security Center

ONGOING PROJECTS AND RESEARCH

FINAL YEAR RESEARCH PROJECT

Automated SSRF Detection, Mitigation, and Vulnerability Assessment Using Retrieval Augmented Generation (RAG)

IOT PROJECT - GROUP PROJECT

Smart IoT-Based Prototype for the Automatic Detection, Neutralization, and Safe Disposal of Acidic and Basic Chemical Waste Generated in Laboratory Environments.

REFERENCE

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