

Aathil Ahamed

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EDUCATION

BACHELOR OF COMPUTER SCIENCE
2020 – 2024 | Sri Lanka
Trincomalee Campus Eastern University
of Sri Lanka

SKILLS

CYBERSECURITY

- Penetration Testing
- Endpoint Security
- Intrusion Detection & Monitoring
- Cloud Security
- Firewall Management
- SOC Monitoring & Threat Hunting
- Access Control
- Risk Assessment & Forensic Investigation

TOOLS

- Metasploit, Burp Suite, Nmap
- OWASP ZAP, SQLmap, openVAS
- Kali Linux, Wireshark, Suricata
- Hashcat, John the Ripper, OpenSSL
- SIEM Tools (Splunk, QRadar)
- Nessus, Recon-ng, Maltego
- NIST, MITRE ATT&CK

PROGRAMMING

- Python, Django, Automation Scripts
- JavaScript, WordPress, Backend Development

CERTIFICATIONS

- Applied ChatGPT for Cybersecurity, May 2024
- Advanced Python Reconnaissance, Apr 2024
- Linux System Administration, Dec 2023

ACTIVITIES

- Ranked in the top 10% on TryHackMe challenges
- Developed and deployed custom tools and personal labs for cybersecurity practice
- Explored advanced web application security techniques
- Participated in CTF competitions
- Currently reading "The Web Application Hacker's Handbook 2nd Edition" to deepen understanding of web application security

PROFILE

Cybersecurity student passionate about learning and applying cutting-edge security practices. Skilled in penetration testing, vulnerability assessment, and SOC monitoring. Strong in collaboration, problem-solving, Critical Thinking and adaptability. Seeking a challenging internship to contribute to securing systems and networks while furthering my expertise.

PROJECTS

WEB-BASED SENSITIVE INFORMATION FINDER

- Detected sensitive information leaks in 7+ GitHub repositories and 2 websites.
- Reduced false positives and improved accuracy by 30%.
- Designed a user-friendly GUI for non-technical users.
- Integrated SQLite database to manage previous scan records.

AUDIO SECRET FINDER

- Developed and implemented a Python-based tool to detect hidden messages in audio files using spectrogram analysis.
- Used Python libraries: PyQt5, numpy, scipy, matplotlib, librosa.
- Achieved 75% accuracy in detecting hidden audio messages.

CYBERSECURITY CHEAT SHEET WEBAPP

- Created a web app for storing and filtering cybersecurity notes.
- Implemented with JavaScript, Tailwind CSS, HTML, JSON.
- Improved search performance for notes by 20%.
- Enhanced user experience by integrating SOC-relevant logging features.

EXPERIENCE

CBS SOLUTION PVT LTD | WEB DEVELOPER

Oct 2022 – Dec 2024 | Remote

- Engineered and enhanced secure websites using WordPress and Django frameworks.
- Enhanced website security by reducing vulnerabilities by 20%.
- Developed three custom plugins to extend functionality and improve client satisfaction.

MEDIUM.COM/@AATHILDUCKY | CYBERSECURITY CONTENT WRITER

Jan 2024 – Present | Remote

- Authored blog posts on cybersecurity and Python programming.
- Published articles with an average of 100+ views per post.
- Explored advanced topics such as threat modeling, SIEM tools, and forensic investigation.

REFEREES

Mrs. Khethika Krishnaraj

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