

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 enthusiast with expertise in web penetration testing, vulnerability assessment, and SOC monitoring. Proficient in Python, web development, and SEO. Strong problem-solving, critical thinking, and collaboration skills. Seeking an internship to apply cutting-edge security practices and further enhance my expertise in securing systems and networks.

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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