DESHITH DEEMANTHA

CONTACT

- +94 760130824
- Kandy
- deemanthadeshith@gmail.com
- LinkedIn
- GitHub

EDUCATION

SLIIT UNIVERSITY
Bachelor of Science in Cybersecurity
2023 - 2027

ANURUDDHA KUMARA NATIONAL SCHOOL
GCE Advance Level - 2022
stream - commerce
results - 2B's, 1S

TECHNICAL SKILLS

Programming languages

- Python, Bash, C, C++, JavaScript, PHP, HTML5, CSS

Security tools and frameworks

- Metasploit, Nmap, Wireshark, Burp Suite, OWASP ZAP, Nikto

CERTIFICATIONS

- Cambridge B1 preliminary english
- ISC2 CC- course conclusion and final assesment
- EC Council-Malware analysis fundamentals
- sololearn-Python developer
- Fortinet-Introduction to the threat landscape
- Cisco-Introduction to modern AI
- Cisco-Introduction to cybersecurity
- IBM-Introduction to cloud computing
- HP-Effective leadership
- HP - AI for beginners

ABOUT ME

Enthusiastic Cybersecurity undergraduate at SLIIT with keen interest in offensive and defensive security strategies. Proficient in multiple programming languages and security tools, with strong foundation in OWASP principles and secure development practices. Continuously expanding knowledge through certifications and self-directed learning. Aspiring to build a career in cybersecurity by combining technical expertise with problem-solving skills to address emerging security challenges.

PROJECTS

SecureHawk - Password Security Toolkit

- Technologies: HTML5, CSS3, JavaScript, Web Crypto API, Have I Been Pwned API
- Built password security tool with strength analyzer, breach checker, and secure password generator
- Implemented k-Anonymity protocol for privacy-preserving breach detection using HIBP API
- Applied client-side SHA-1 hashing ensuring zero password transmission to servers
- Created real-time strength analysis with pattern detection and entropy calculation.

Meta Shield - Metadata Security Tool

- Technologies: JavaScript, Piexif.js, Canvas API
- Built tool to view and remove EXIF metadata (GPS, camera data, timestamps) from images
- Implemented metadata extraction using Piexif.js and removal via Canvas API redrawing technique
- Created risk assessment system with before/after comparison showing data stripped
- Applied client-side processing ensuring zero data transmission to servers

Nebula Security Labs - Vulnerable Web App

- Tech: PHP, MySQL, JavaScript
- Developed educational web application demonstrating OWASP Top 10 vulnerabilities
- Implemented SQL Injection, XSS, IDOR, and Command Injection security flaws
- Built challenge system with flags for hands-on cybersecurity learning experience