Syed Sameer Ul Hassan

Cyber Security Technician | Privacy-first. Defense-driven.

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Professional Summary

EC-Council CCT certified Cyber Security Technician with a strong focus on dismantling surveillance and rebuilding privacy. Expert in network defense, ethical hacking, and cryptographic security. Passionate about architecting cryptographic systems and tools that put control back in the hands of the user.

Core Competencies

- Security Operations: SOC Operations, Incident Response, Threat Analysis
- Offensive Security: Ethical Hacking, Bug Bounty Hunting, Custom Payloads, Web Application Security, API Vulnerability Assessment
- Defensive Security: System Hardening, Network Security, Malware Protection, Ransomware Defense, Access Control, Network Segmentation, Firewall Rules, VLANs, IDS Deployment
- Programming & Scripting: Python Scripting, Bash Automation, Security Tools Development

Certifications

- EC-Council Certified Cybersecurity Technician (CCT)

Projects & Experience

Bug Bounty Hunting & Vulnerability Research

Identifying and exploiting vulnerabilities in web applications, APIs, and infrastructure.

- Conducted comprehensive Web Application Security assessments.
- Executed API Vulnerability Assessments and Infrastructure Testing.
- Adhered strictly to responsible disclosure practices to help organizations secure their perimeters.

Machine Security & System Hardening

Hardening systems against malware, ransomware, and unauthorized access.

- Implemented robust System Hardening protocols and secure configurations.
- Deployed Malware Protection and Ransomware Defense mechanisms.
- Configured strict Access Control policies to prevent unauthorized lateral movement.

Custom Security Tool Development

Developing custom Python and Bash scripts for automation and penetration testing.

- Authored custom Python Scripts and Bash Automation tools to streamline security operations.

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- Developed custom payloads tailored for specific penetration testing engagements.
- Built bespoke security tools to address unique infrastructure challenges.

Secure Network Lab Architecture

Designing and building segmented, secure network environments.

- Designed a segmented network architecture utilizing VLANs and strict Firewall Rules.
- Deployed Intrusion Detection Systems (IDS) to actively monitor for anomalies and lateral movement.
- Created isolated environments for safe malware analysis and security testing.