

Malik Touseef Husnain

Islamabad, Pakistan | touseef25@outlook.com | +92 300 5505252
cyberseef.com | github.com/cyberseef | linkedin.com/in/cyberseef

KEY SKILLS

- **Core Competencies:** API Security, SDLC, OWASP, VAPT, Threat Hunting, GRC, Cloud Security, OT/IoT Security, OSINT, 5G Network Security
- **Tools & Frameworks:** Metasploit, Burp Suite, Python, AutoML, OMNeT++, RHEL, SimSpace, Snort IDS

WORK EXPERIENCE

GRC & Penetration Testing Intern

Jul 2025 – Aug 2025

Pakistan Cyber Emergency Response Team (PKCERT) | Islamabad, Pakistan

- Conducted GRC assessments aligned with ISO 27001 and NIST Cybersecurity Framework at a national-level CERT.
- Executed application and API vulnerability assessments as a primary activity during national-level penetration testing engagements.

Cybersecurity Consultant

Nov 2021 – Nov 2023

Independent / Fiverr (Remote)

- Delivered 30+ client engagements spanning vulnerability assessment, penetration testing, and DFIR.
- Designed and deployed a smart home honeypot using Snort IDS and a custom anomaly detection ML model.

Cyber Security Mentor

Dec 2022 – Apr 2023

STEM Wizards Academia (Remote)

- Mentored students on Mobile App security, SDLC processes, and OWASP standards within the Girls Technovation Program.
- Supervised architecture and development of an AI-powered secure messaging app with integrated real-time malicious link detection.

Threat Hunting Intelligence & Research Intern

Jul 2022 – Oct 2022

Thincs Corp (UAE / Remote)

- Performed proactive threat hunting operations using IOCs and TTPs mapped to the MITRE ATT&CK framework.
- Enriched threat intelligence datasets and contributed to structured intelligence reports to support incident response workflows.

PROJECTS & RESEARCH

- **VulnVista:** Developed and maintain an open-source vulnerability management and visualization platform.
- **Eagle AI (BS Final Year Project):** Built an AutoML based DDoS detection platform featuring security-focused API design, automated IP blocking, and real-time React monitoring.

EDUCATION

- **MS Cyber Security** | FAST-NUCES, Islamabad
- **BS Cyber Security** | FAST-NUCES, Islamabad

Present
2019 – 2025

CERTIFICATIONS & TRAINING

- **ISO/IEC 27001 Associate**
- **Certified Network Security Practitioner**
- **AWS Cloud Security Practitioner**
- **Certified AppSec Practitioner**

May 2026
Dec 2023
Aug 2023
Apr 2023

TECHNICAL LABS & ACHIEVEMENTS

- **TryHackMe:** Top 6% Rank (Cyberseef) | Capability Score: 46
- **PortSwigger Labs:** Apprentice (7/61) | Practitioner (18/173) | Expert (6/39)
- **Pre-NasCon CTF:** Placed 8th out of 55 teams (Team Knight Slayer)

Apr 2022

HONORS & AWARDS

- **Duke of Edinburgh's International Award — The Bronze Standard**

Dec 2018