

CERTIFICATIONS

Offensive Security Certified Professional (OSCP) ↗	Oct 2024
Certified Penetration Testing Specialist (CPTS) ↗	Feb 2024
Malware Development by MalDev Academy ↗	July 2025 - Present

WORK EXPERIENCE

Information Security Engineer (Tranchulas) [↗](#) London, UK (Remote)
Dec 2024 - PRESENT

- Designed and delivered two industry-grade courses. Certified Penetration Testing Specialist (CPTS) and Certified Web Application Security Professional (CWASP) approved by the National Cyber Security Centre (NCSC), CREST, and MPG International.
- Managed cloud infrastructure on AWS, including EC2, S3 buckets, and custom OpenVPN servers, ensuring secure remote access and data flow.
- Performed full-scope web application pentests, exploiting and reporting vulnerabilities like: SQL Injection, XSS, CSRF, File Upload, SSRF, IDOR, Broken Authentication, RCE, etc.
- Conducted internal and external network penetration testing, including Active Directory environments and privilege escalation.
- Migrated infrastructure from AWS to Proxmox, reducing cloud operating costs by over 60% while enhancing performance and control.
- Developed 30+ custom vulnerable labs, hosted and managed via Proxmox, supporting full attack/defense workflows.
- Took ownership of large-scale projects and course development, significantly reducing team workload while continuously upskilling and mentoring others.

IT Support Assistant (11ven Tech Yards) Islamabad, PAK (Hybrid)
May 2023 - Aug 2024

- Provided day-to-day remote support to clients, resolving technical issues related to email, cloud storage, and software tools with a 95%+ resolution rate.
- Handled sensitive business and client data with confidentiality and secure digital practices, laying the foundation for security-conscious operations.
- Developed simple PowerShell and batch scripts to automate routine operations such as file cleanup and folder creation, reducing manual workload by 30%.
- Collaborated with technical staff to identify recurring issues, helping prioritize future improvements and technical documentation updates.

PROJECTS

Certified Penetration Testing Professional (CPTP)

Designed and delivered the Certified Penetration Testing Professional (CPTP) course, a 20-module commercial certification with hands-on labs, officially licensed by NCSC, CREST, and MPG International, and now offered by Tranchulas.

Certified Web Application Security Professional (CWASP)

Designed and delivered the Certified Web Application Security Professional (CWASP) course, a 21-module commercial certification with hands-on labs, officially licensed by NCSC, CREST, and MPG International, and now offered by Tranchulas.

SKILLS

- Extensive experience working with operating systems (Linux, Microsoft Windows)
- Experience with penetration testing, architecture assessments, and vulnerability assessments
- Strong analytical and problem-solving capabilities
- Desire to learn more stay ahead
- Proficient in secure programming principles and languages (C, C++, Javascript)
- Excellent written and verbal communication skills
- Advanced knowledge of emerging technology security solutions and trends