

Hassan Ali Arshad

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SUMMARY

Dynamic security consultant, security analyst, and penetration tester with expertise in conducting comprehensive security assessments and fortifying clients' defense against cyber threats. Proficient in utilizing cutting-edge tools and techniques to simulate attacks, resulting in substantial reductions in vulnerabilities and increased cybersecurity awareness. Skilled communicator known for enhancing organizational security posture through collaborative efforts.

EDUCATION

University of Hertfordshire | MSc Cyber Security

Hatfield, UK | 2022- Sep 2024

- **Relevant modules:** Cyber Operations(1st), Digital Forensics(1st), Penetration testing(1st), ISMC(1st).

Iqra University| BS in Software engineering

Islamabad, Pakistan | 2016-2020

- **Relevant modules:** Programming Fundamental, Software Engineering, Operating System.
- **Other Activities:** President Student Federation Council.

WORK EXPERIENCE

Senior Pentester | Saazan Tech

2019-2025

- Analyzed, and captured network traffic over enterprise networks.
- Conducted comprehensive security audits across various IT systems to identify vulnerabilities and recommend enhancements.
- Carried out regular penetration testing on network infrastructures to detect potential security threats and weaknesses.
- Performed comprehensive penetration testing on web applications, API's, and mobile apps to identify potential security vulnerabilities and flaws.
- Delivered detailed reports on penetration testing findings, outlining risk levels and mitigation strategies.
- Researched about new threats, attacks, and vulnerabilities that may affect IT infrastructure.
- Investigated potential cyber-attacks and intrusion attempts.
- Ensured cybersecurity plans, controls, processes, standards, policies and procedures are aligned with cybersecurity standards.
- Learned new skills, testing techniques and troubleshooting best practices.

Junior Pentester | Security Foster

2020-2021

- Performed physical security assessments of systems, servers and other network devices to identify areas that require physical protection.
- Created new testing methods to identify vulnerabilities.

- Performed penetration tests on computer systems, networks and applications
- Found bugs using tools like burp suite, N Maps, SQL Map, Mikito etc.

Bug Bounty Hunter | *Bugcrowd, HackerOne*

San Francisco, CA | 2022-2025

- Performed physical security assessments of systems, servers and other network devices to identify areas that require physical protection.
- Earning recognition for my exceptional performance.
- Detected and addressed critical security gaps in leading organizations, including MasterCard, Dell, and Walmart.
- Acknowledged for reporting critical security vulnerabilities, such as Broken Access Control (BAC), Cross Site Scripting (XSS), Information Disclosures and Server-Side Request Forgery (SSRF).

SKILLS

- Penetration Testing (Web, Mobile, API and External Network)
- Vulnerability Assessment.
- Technical Report Writing
- Exploitation Techniques.
- Proficiency in Security Tools.
- Penetration Testing Tools Linux.
- Python.

HALL OF FAME

- cPanel.
- BBC News.
- Achmea.
- Vardot.
- Dell
- MasterCard.
- NordVPN.

Certifications

- Certified Red Team Analyst [CRTA]
- CAPen Certified.
- Certified AppSec Practitioner (CAP).