Afnan Bin Abbas

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EDUCATION

Bachelor of Science in Cyber Security

(GIKI) Ghulam Ishaq Khan Institute of Engineering Sciences and Technology • 2026

PROJECTS

Web and Network Penetration Tester Internee

KaiRiz Cyber Technologies (SMC-Private) Limited   **June 2024 – July 2024, Remote**

- Conducted network and web penetration tests, designing a prioritization framework to address vulnerabilities, boosting remediation efficiency by 40%.
- Streamlined vulnerability scanning by automating continuous monitoring, cutting manual testing time by 30%.
- Led weekly training sessions, elevating team skills and awareness of emerging threats by 15%.

Cyber Security Auditor

Pakistan Telecommunication Company Ltd (PTCL)   **April 2024 – May 2024, Remote**

- Completed a full-scale cybersecurity audit, identifying and mitigating 2 critical vulnerabilities.
- Focused on intrusion detection, incident response, and security policy review, reducing vulnerability impact by 20%.
- Applied targeted remediation measures, cutting vulnerability exploitation risk by 25%.

Web Penetration Tester

Senselearner Technologies Pvt. Ltd   **October 2023, India**

- Executed collaborative penetration tests, reducing project delivery time by 40%.
- Increased delivery rate by 85% through integration of penetration testing tools for web applications.
- Identified and documented security gaps, such as information leakage and open ports, enhancing system security by 30%.

EXPERIENCE

General Secretary/Technical Lead

NEXUS GIKI   **January 2024 – Present, GIKI**
Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI)

- Co-founded GIKI's first Cybersecurity Society, achieving 90% growth in student engagement and led as Secretary General.
- Directed cybersecurity technical sessions for 40+ students, significantly boosting participation.
- Built partnerships with cybersecurity firms, narrowing the student-industry gap by 20%.

SKILLS

Technical Skills: C++, CTF, Object-Oriented Programming, Data Structures and Algorithms, SQL, Vulnerability Assessment and Penetration Testing (VAPT), Security Audits, Security Policy Development, Reporting, Incident Management, Control Frameworks, Information Security.

Software/Tools: VS Code, Linux, CLI, Wireshark, Burpsuite, Metasploit, Nmap, Nikto, Tenable Nessus, ZAP OWASP, OpenVAS, Snort, Suricata, Ghidra, LaTeX (OverLeaf), Cisco Packet Tracer, FTK Imager, pgAdmin4, PostgreSQL.

Cybersecurity Skills: IT Security, Endpoint Protection, Intrusion Detection and Prevention Systems (IDS/IPS), Vulnerability Management, Security Monitoring, Incident Response, Configuration Management, Risk Analysis, Threat Analysis, Security Reviews, Log Management, and Business Risk Management.

CERTIFICATIONS

Google Cybersecurity Professional Certificate

Google   • 2024

- Gained expertise in cybersecurity fundamentals, risk identification, and SIEM tools, with hands-on skills in Python, Linux, and SQL.

Certification for Introduction to Cyber Attacks

New York University   • 2024

- Completed 18+ hours of training on attack vectors, risk assessment, and cryptanalysis, mastering the CIA triad and risk matrix applications.

Security Awareness Training

International Information System Security Certification Consortium (ISC2)   • 2023

- Specialized in Data Security, Networking, Mobile Security, Malware Defense, and Social Engineering.