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Khawaja Abdullah

Cyber Security and Information Security Professional

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Cybersecurity and Information Security Professional with expertise in vulnerability assessment and penetration testing. My experience in the field has equipped me with the knowledge and skills necessary to identify and mitigate cyber risks. I am committed to ensuring the safety and security of organizations and individuals alike. **I also possess:**

- Experience in scripting languages including Python and Bash.
- Excellent task management. Ability to handle multiple projects simultaneously.
- Experience with security tool-kits such as Kali Linux, Nessus, Acunetix, and Burp Suite Pro.
- Proficient in translating information from technical to executive/management terminology.

CORE COMPETENCIES

Python, Bash, PHP, HTML, CSS, JavaScript, SQL, AWS, Git, Docker, Penetration Testing, Linux/Unix Administration, Web Development, Powershell, Cybersecurity Documentation, OSINT, R&D of Cybersecurity Proof of Concepts.

PROJECTS

Recon-tainer

- A docker container that enumerates sub-domains and then filters out XSS, SQLi, SSRF, and more injection point parameters and scans for some low-hanging vulnerabilities automatically.

EZ Tmux

- Tmux configuration, that supercharges your tmux to build cozy and cool terminal environment which makes tmux very easy to use. It has the ability to send keystrokes into the shells automatically.

JOB EXPERIENCE

Tech Lead Cyber Security

Ministry Of Interior (via Tech Mahindra Ltd, Qatar)

June 2024 — Present

Doha, Qatar

- Conduct advanced penetration tests on applications, networks, and infrastructure to uncover vulnerabilities.
- Simulate real-world cyber attacks, emulating sophisticated threat actors.
- Develop and execute attack scenarios to assess security controls and response effectiveness.
- Collaborate with internal and external security teams to enhance defense mechanisms.
- Document and present findings, delivering comprehensive reports to senior stakeholders.
- Provide expert recommendations to address identified vulnerabilities and mitigate risks.
- Stay updated on emerging cyber threats, tools, and security trends.
- Mentor junior team members and contribute to continuous improvement in penetration testing methodologies.

Sr. Information Security Engineer

NETSOL Technologies Ltd.

Nov 2022 — May 2024

Lahore, Pakistan

- Vulnerability assessment and penetration testing.
- Engagement Administrator for SOC 2 Type II audit.
- Assets management, Vulnerability management, Incident management, and Patch management.
- Monitor security logs and alerts generated by QRadar to identify potential security incidents.
- Worked on IBM QRadar, a SIEM solution, to configure, fine-tune, and optimize log management and security information event management.
- Analyze and investigate security events, determining their impact and appropriate response.
- Create new testing methods to identify vulnerabilities.
- Search for weaknesses in common software, web applications, and proprietary systems.
- Worked on cloud security, implementing and maintaining security controls and best practices in cloud environments.
- Performed Automation scanning and analysis on the applications on a monthly basis.
- Research, evaluate, document, and discuss findings with IT teams and management.
- Stay updated on the latest malware and security threats.

Cybersecurity Engineer

Bridge Zones Inc.

Oct 2020 — April 2022

Islamabad, Pakistan

- Perform web application, mobile application, and network penetration tests
- Develop processes and implement tools and techniques to perform ongoing security assessments of the environment
- Analyze security test results, draw conclusions from results and develop targeted testing as deemed necessary
- Providing technical consultation on Security Tools and Technical Controls
- + Development of 'rules of engagement' with partners
- Develop security standards, policies, automation scripts
- Perform security reviews of application designs and source code review

Penetration Tester

Hassan Solutions SMC PVT LTD.

June 2018 — August 2020

Islamabad, Pakistan

- Performed manual application security testing on the everyday changes carried out in the application.
- Generate tools for breaking into security systems.
- Uncovered high vulnerabilities at the infrastructure level for internet-facing websites.
- Documented information security guidance in step-by-step operational procedures.
- Performed static code reviews with the help of automation tools.
- Network scanned using tools like NMap and Nessus.
- Initiative to streamline the access control mechanism of various applications.

EDUCATION

Bachelor in Computer Science, SZABIST, Islamabad

2017 — July 2021

Course Highlights:

- Operating Systems.
- Database Systems.
- Computer Architecture.
- Computer Networks.
- Algorithms.
- Data Structures.
- Web Technologies.

INDUSTRY CERTIFICATIONS

- Offensive Security Certified Professional (OSCP)
- Certified Ethical Hacker - Practical (C|EH)
- eLearnSecurity Web Application Penetration Tester (eWPT)
- eLearnSecurity Junior Penetration Tester (eJPT)



AWARDS & HONORS

- 1st Place - DeconstruCT.F 2021
- 2nd RunnerUp - Pakistan's First Digital Cybersecurity Hackathon 2021
- CVE Holder - CVE-2022-48077 - CVE-2021-41643 - CVE-2021-41644 - CVE-2021-41645 - CVE-2021-41646
- Badge of Honor - moment.me (2014)
- Hall of Fame - getpocket.com (2014)
- Hall of Fame - BASF
- Hall of Fame - Rozee.pk
- Hall of Fame - United Nations