OMAR ELSHENAWY

Penetration Tester

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PROFESSIONAL SUMMARY

Fresh Computer Science graduate from the Arab Open University, undertaking a Penetration Testing training at the National Telecommunication Institute (NTI), developing hands-on skills in Web Application, Network, and Mobile Application Penetration Testing.

WORK EXPERIENCE

Penetration Testing Trainee   **Oct. 2025 – Present**
National Telecommunication Institute (NTI)   Giza, EG
- Acquired practical skills in web, network, and mobile penetration testing (reconnaissance, vulnerability analysis, exploitation).
- Executed hands-on scenarios in privilege escalation, Active Directory attacks, and IDS evasion, including professional reporting.
- Strengthened foundational knowledge of Linux administration, Python scripting, and network security principles.
- Honed professional skills in communication, project management, critical thinking, and teamwork.

Penetration Testing Trainee   **Nov. 2024 – Jan. 2025**
CyberX   Remote
- Executed comprehensive penetration tests and vulnerability assessments to identify and analyze critical security vulnerabilities.
- Authored clear technical reports detailing prioritized findings, business risk impact, and actionable remediation strategies for stakeholders.

Cyber Security Trainee   **Oct. 2024 – Nov. 2024**
National Telecommunication Institute (NTI)   Cairo, EG
- Gained foundational knowledge in network security, access control, and threat management.
- Configured secure environments and implemented firewall policies in simulated networks.
- Performed vulnerability analysis and implemented security hardening measures.

EDUCATION

Bachelor of Science in Computer Science   **January 2025**
Arab Open University   Cairo, EG
- Relevant coursework in Operating Systems, Web Technologies, Computer Architecture and Python Programming.
- Graduation Project: Developed a secure cross-platform mentorship app with end-to-end encryption (E2EE) and Role-Based Access Control (RBAC). Performed penetration testing to remediate OWASP Mobile Top 10 vulnerabilities.

SKILLS

- Penetration Testing: Web Application (OWASP Top 10), Network (Reconnaissance, Exploitation, Pivoting), Mobile Application (Android), Security Reporting.
- Red Team Operations: Active Directory Attacks, Windows & Linux Privilege Escalation, Vulnerability Analysis, Social Engineering, Evading IDS/Firewalls.
- Core Proficiencies: Linux Administration, Python Scripting, Bash Scripting, IP Networking (TCP/IP), Firewall & Cryptography Principles.
- Web Technologies: HTML, CSS, JavaScript, PHP, SQL.
- Interpersonal Skills: Critical Thinking, Problem-Solving, Communication, Presentation, Teamwork, Collaboration, Attention to Detail, Professional Ethics.

CERTIFICATES

- Google Cybersecurity Professional Certificate
- CyberX Penetration Testing Internship Certificate.
- Huawei (HCIA-Security) Certificate.

LANGUAGES

- Arabic: Native
- English: Fluent
- German: Upper Intermediate