Saher Muhamed Alaa Abdullah

Offensive Security Engineer | Penetration Tester

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Experienced penetration tester, ethical hacker, and fully-fledged python developer. Skilled in finding security problems in networks, systems, and applications. Always learning about new threats to keep organizations safe. Good at explaining security issues and giving helpful advice to clients and teams.

Education

Bachelor's degree in information technology - GPA: 3.09 / 4   07/2023
Faculty Of Computers and Informatics, Zagazig University

> **Graduation Project (Team Leader) A+:** "Intelligence Tracking and Monitoring System for Kids" to enhance child safety through real-time tracking and monitoring. The system integrates IoT hardware, a mobile app, and a central python-based server to prevent crime and ease parental concerns.

Professional Experience

Penetration testing and ethical hacking (Internship)   02/2025 – 05/2025
National Telecommunication Institute (NTI)   Smart Village, Egypt

Summary

- Familiar with core cryptographic concepts such as encryption, and hashing
- Good Knowledge in both Linux and Windows environments
- Excellent scripting and debugging skills on Java, python, and bash scripting
- Familiar with virtualization products such as VMware, Oracle VirtualBox and Hyper-V
- Have a solid understanding of network protocols such as ARP, ICMP, FTP, Telnet, and SSH
- Ability to handle multiple tasks and work independently as well as in a team

Responsibilities

- Perform wireless network assessments, capturing WPA/WPA2 handshakes, detecting rogue APs, and conducting Evil Twin attacks using various tools
- Execute network penetration tests on internal and external infrastructures, identifying misconfigurations and exploitable services using tools such as Nmap, and Metasploit
- Perform mobile application security assessments (Android / iOS) using various tools such as MobSF, Frida, Objection, and APKTool
- Conduct web application penetration testing to identify OWASP Top 10 vulnerabilities such as broken access control, CSRF, XSS, and path traversal using burp suite

Technical Skills

- Network design, IP addressing (IPv4/IPv6), routing, NAT
- Red Hat Enterprise Linux 1 and 2
- Windows administration: Active Directory, Group Policy
- Packet analysis using wireshark for protocol dissection, and network troubleshooting
- Cybersecurity fundamentals: risk analysis, threat actor, encryption, secure protocols
- Penetration testing: network, web, and mobile platforms
- Write ethical hacking tools with python

Soft Skills

- Effective verbal and non-verbal communication skills
- Skilled in team building, collaboration, and conflict resolution
- Excellent time management and task prioritization
- Strong understanding of professional ethics and workplace behaviour
- Advanced problem-solving, critical thinking, and decision-making
- Crafting professional emails

Courses

RedHat System Administration II (RH134) 9.3 🖉   04/2025
RedHat Academy via National Telecommunication Institute

RedHat System Administration I (RH124) 9.3 🖉   04/2025
RedHat Academy via National Telecommunication Institute

Cisco Certified Network Associate (CCNA) 🖉   02/2022
Cisco Academy in Faculty of Computers and Informatics, ZU

Awards

Honored by the Director of the Armed Forces Medical Services Department 🖉   27/02/2025
Armed Forces Medical Services Administration

Languages

Arabic — Native/Bilingual   **English** — Proficient