Mohamed Mahmoud Ibrahim

Penetration Tester / Offensive Security Professional

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Profile

Offensive security professional with hands-on experience in web, API, network, Active Directory, and Android mobile penetration testing. Proven track record in identifying and responsibly disclosing vulnerabilities across public and private programs. eWPTXv3-certified with active HTB and real-world research experience.

PROFESSIONAL EXPERIENCE

Bug Bounty Hunter **2024 – Present | Remote**

- Identified and exploited vulnerabilities across 10+ bug bounty programs on public and private platforms.
- Performed full recon-to-report workflows using Burp Suite, FFUF, and custom Python/Bash scripts.
- Responsibly disclosed findings following coordinated disclosure standards.

CyberSecurity Researcher **2024 – Present | Remote**

- Conducted independent security assessments and private vulnerability disclosures for diverse corporate entities outside traditional bug bounty platforms.
- Identified and reported 26+ critical vulnerabilities across multiple corporate systems, covering OWASP Top 10 attack vectors.
- Authored comprehensive **Proof of Concept (PoC) reports** detailing exploit methodologies, attack vectors, and actionable mitigation strategies.

Cybersecurity Content Writer & Educator **2025 – Present | Self-Employed**

- Authored cybersecurity articles and technical guides tailored for beginners, covering foundational concepts, tools, and best practices.
- Conducted live educational sessions to mentor and train aspiring cybersecurity professionals, simplifying complex topics for new learners.
- Delivered practical security tips and real-world insights to help beginners build a strong foundation in cybersecurity.

TRAININGS & BOOTCAMPS

Cybersecurity Intern – Penetration Testing @Digital Egypt Pioneers Initiative (DEPI) **Jun 2024 – Nov 2024| Hybrid | Zamalek, Cairo**

- Conducted vulnerability assessments and exploitation of web applications and network infrastructures.
- Collaborated with a team of 5+ researchers and mentors, improving testing methodology coverage by incorporating 3 additional attack vectors.

Penetration Testing Intern @WE INNOVATE Bootcamp – ZeroSploit MEA **Aug 2024 – Sep 2024 | Hybrid | ITI New Capital, Cairo**

- Validated more than 60% of fixes for success and compliance.
- Gained hands-on experience in web and basic mobile application penetration testing.
- Reported multiple vulnerabilities during a final CTF challenge and received a certificate of completion.

Cybersecurity Trainee @CAT Reloaded **Nov 2023 – Feb 2024 | Hybrid | Mansoura, Dakahlia**

- Participated in team-based sessions covering ethical hacking, vulnerability research, and real-world attack scenarios.
- Gained foundational knowledge in web and network security, including OWASP Top 10 and basic incident response strategies.

SKILLS

- **Platforms & Operating Systems**
  Linux (Advanced): Professional system administration and advanced shell scripting.
  Windows (Advanced): Deep understanding of Windows internals, PowerShell scripting, and Active Directory environment management.
- **Networking & Protocols**
  TCP/IP, DNS, DHCP, routing, subnetting, network traffic analysis, PCAP analysis.
- **Active Directory & Enterprise**
  Enumeration, Kerberoasting, lateral movement, ACL abuse, privilege escalation, domain takeover .
- **Web Application & API Security**
  OWASP Top 10, authentication & authorization flaws, logic bugs, REST & JWT attacks CMS: WordPress, Joomla, Drupal.
- **Professional PoC report writing**, vulnerability disclosure, mitigation recommendations.
- **Tools & Frameworks**
  Burp Suite, Metasploit, Nessus, Wireshark, Nmap, Nikto, ffuf, Gobuster and more.
- **Scripting & Programming**
  Python, Bash, PowerShell, PHP, JavaScript, MySQL, automation, exploitation & custom tooling .
- **Penetration Testing**
  Footprinting & OSINT, vulnerability assessment, exploitation, Linux & Windows privilege escalation, attacking common services & applications.

CERTIFICATIONS & COURSES

- **eWPTXv3** (Web Application Penetration Tester eXtreme) – eLearnSecurity - **certified**
- **OSCP** (Offensive Security Certified Professional) – **Studied**
- **Penetration Tester**, HTB Academy — Hack the Box - **Studied**
- **Web Penetration Tester**, HTB Academy — Hack The Box - **Studied**
- **Android Pentesting –** Hextree.io & Android Black Belt **- Studied**
- **Python & Bash Scripting** Fundamentals **- Studied**

EDUCATION

Bachelor of Science in Information Systems @ October 6 University **May 2025 | Giza, Egypt**

- **Department**: Information Systems.
- Member of IEEE O6U Student Branch (2022 – 2024); organized student tech events and cybersecurity workshops.

Awards

- **Hack The Box Profile (https://app.hackthebox.com/users/748090),**
  Prodigy on Hack The Box 40+ machines solved, active contributor to HTB community and frequent participant in CTF-style labs.
- **TryHackMe Profile (https://tryhackme.com/p/mrci0x1)**, Rank top 9%