

Mohamed El-Gendy Junior Penetration Tester

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Profile Summary

A proactive Junior Penetration Tester, combining a BSc in Information Technology with intensive NTI training. Demonstrated practical expertise by identifying and documenting over 20 vulnerabilities (including authentication bypass) in a major academic project. Proficient in Web, Network, and API testing, backed by dedicated API security training and hands-on lab practice, with a strategic focus on developing future capabilities in Red Teaming and OT Security.

Education

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| 05/2022 – 06/2025 Elmnoufia, Egypt | Delta Technological University BSc in Information Technology, Network Specialization GPA: 3.7 • Relevant Courses: Network Security, Operating Systems, Database Systems, Web Technologies, Programming, IoT Security, SecOps, Encryption Algorithms |
| 10/2025 – 01/2026 Smart Village | National Telecommunication Institute (NTI) RedTeaming - HireReady Program (4-Month Diploma) A comprehensive, hands-on program covering the full spectrum of offensive and defensive security. Core Modules: Web Penetration Testing, Network Penetration Testing, MITRE ATT&CK, Mobile Security (Android), Python for Pentesters. |

Hands-On Experience & Projects

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| 01/2025 – 05/2025 Remote | Web Application Pentester, Integrated Academic Service System (IASS) Delta Technological University • Identified and documented over 20 vulnerabilities, including High-risk Broken Authentication, leading to a project grade of A+. • Performed manual business logic testing using Burp Suite to discover an authentication bypass flaw, gaining unauthorized access to administrative functions. • Developed a Proof-of-Concept (PoC) Python script to automate the exploitation of a rate-limiting vulnerability in a RESTful JSON-based API, enabling large-scale unauthorized requests. • Authored a professional 35-page penetration test report detailing findings, CVSS 3.1 risk ratings, and actionable remediation guidance for the development team. • MohamedEl-Gendy-IASS-Report |
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Additional Penetration testing Practice

- Regularly solve PortSwigger Web Security Academy labs, publishing detailed exploitation writeups on GitHub (github.com/ElgendiMan/portswigger-writeups). Completed 40%+ of all labs (ongoing).
- Solve labs in HackTheBox platform

Certifications & Training

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| API Penetration Testing APISecurity .io | NovaDev Company Penetration Testing training | Sprints x Microsoft (40hrs) |
| Cyber Security (Information Technological Institute) | Innovative Leadership and Strategic Thinking (Vital) | Network Essentials (CISCO) |

Coursework

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| Security+ Completed | Linux+ Completed | eJPTv2 Completed |
| eWAPTv2 Completed | eCCPTv2 In Progress | Red Teaming Diploma (Udemy) In Progress |

Skills

Methodologies & Standards

OWASP Top 10, PTES, Information Gathering (Passive/Active), Vulnerability Analysis, Exposure to post-exploitation, privilege escalation, and lateral movement concepts through labs and training.

Tools & Platforms

Burp Suite, Zaproxy, Nessus, Acunetix, Nmap, Masscan, Metasploit, John the Ripper, Hashcat, Google Dorking, Xmind, Notion, VPS Management.

Web/Network Security

SQL Injection (SQLi, SQLmap), Cross-Site Scripting (XSS), IDOR, Broken Access Control, Logic Vulnerabilities, Subdomain Takeover, Protocol Hacking (FTP, SMB, SMTP, DHCP), Man-in-the-Middle Attack (MiTM).

Programming & Scripting

Python (for Automation, Exploit Development), PHP (for cybersecurity purposes), SQL (Database querying and injection testing), Bash Scripting (System administration and network scanning), C++, C, Java (OOP), JavaScript (for client-side security testing)

Soft Skills

Teamwork & Collaboration, Communication Skills, Good Explanation Skills, Analytical Problem-solving, Continuous Learning, Leadership mentality, Project Management

Language

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| English B2 | Arabic Native |
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