

# Youssef Hussein

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LinkedIn — GitHub — HackerOne

## Summary

Offensive security professional specializing in web, network, and mobile penetration testing. Experienced in identifying vulnerabilities in penetration testing engagements and bug bounty programs. Skilled in security risk assessment, exploit development, and secure code review. Passionate about continuous learning and contributing to security teams.

## Technical Skills

- Web Application Security: OWASP Top 10, Secure Code Review, XSS, SQL Injection
- Network Security: Penetration Testing, Protocol Exploitation, Traffic Analysis
- Familiar with networking/network security basics.
- Operating system operation knowledge (windows/linux).
- Mobile Security: Android Reverse Engineering, OWASP Mobile Top 10, Frida, Objection
- Programming Scripting: Python, Bash, JavaScript, PHP
- Security Tools: Burp Suite, Metasploit, Nmap, Hydra, Wireshark, Scapy
- VPS Setup Management for Security Testing
- Custom Exploit Development Vulnerability Research
- Business Logic Abuse (cart manipulation, workflow exploitation).

## Education

**Bachelor of Computer Science**, October 6 University, Cairo, Egypt

Expected 2025

Major: Network Technology — GPA: 3.27

Relevant Coursework: Operating Systems, Storage Technologies, Cybersecurity, Ethical Hacking, Mobile Networks

## Professional Experience

**Freelance Penetration Tester**

Jan 2025 - Feb 2025

Confidential Client (Remote)

- Conducted a full penetration test on a physical therapy platform, uncovering critical vulnerabilities.
- Exploited an account takeover (ATO) vulnerability via password reset flaws.
- Identified and reported pricing manipulation flaws and exposed API endpoints.
- Delivered a comprehensive security report with risk assessment and remediation plans.

## Application Penetration Tester

Aug 2024 - Oct 2024

We Innovate - ZeroSploit, Cairo, Egypt

- Conducted web and mobile penetration tests, identifying and mitigating vulnerabilities.
- Performed secure code reviews to detect security flaws.
- Developed entrepreneurial and freelancing skills in security consulting.

## Network Engineer

Feb 2023 - Apr 2023

National Telecommunication Institute, Cairo, Egypt

- Configured and tested network devices in real and simulated environments.
- Participated in network security and project management workshops.

## Projects

- **0xs7s Framework:** Automated XSS detection framework. [GitHub Link](#)
- **Saturn Security Penetration Test:** Conducted a full security assessment of a company's web platform.
- **Network Listener Tool:** Built a tool for real-time traffic analysis using Python and Scapy.
- **Gym Management System:** Developed a system for gym operations with Flask and SQLite.

## Certifications

- HCIA Datacom (Huawei Certified ICT Associate) ([Certificate Link](#))
- SECOPS Group CNSP (Certified Network Security Practitioner) ([Certificate Link](#))
- CCNA (Cisco Certified Network Associate) - Studied
- eJPTv2 (eLearnSecurity Junior Penetration Tester v2) - Studied
- OSCP (Offensive Security Certified Professional) - Studied

## Achievements

- Recognized in MTN Group's **Hall of Fame** for critical security findings (2024, 2025).
- Discovered **Unauthorized PHPMyAdmin Access** vulnerability exposing database root account privileges.
- Identified an **Index of Page Exposure** leaking developer credentials, passwords, and sensitive data due to security misconfigurations.
- Reported a critical **Price Manipulation Vulnerability** enabling unauthorized modification of product/service pricing.
- Uncovered 5 **XSS vulnerabilities** across multiple web endpoints, improving client security awareness.
- Discovered a critical **API Information Disclosure** flaw exposing sensitive user/internal data.