

# Mohamed Saied

Junior Offensive Security Engineer — Web / API / Android Pentester — Qalyubia, Egypt

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## Professional Summary

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Junior Offensive Security Engineer with 1.5+ years of hands-on experience in Web, API, and Android penetration testing. Recognized in the Hall of Fame by **NASA** and **Samsung** for responsible vulnerability disclosure, with additional recognition from Ferrero and Zivver. Skilled in vulnerability research, business logic exploitation, authorization bypasses, and offensive security workflows across real-world bug bounty targets and structured penetration testing programs. Co-author of a published research paper on Intrusion Detection Systems.

## Experience & Training

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### Bug Bounty Hunter

Sep 2024 – Present

*Independent Security Research — YesWeHack*

- Performed large-scale reconnaissance across real-world targets, including subdomain enumeration, endpoint discovery, parameter analysis, and attack-surface mapping using custom automation workflows.
- Identified and responsibly disclosed vulnerabilities to major organizations including NASA, Samsung, Ferrero, and Zivver, covering authentication flaws, authorization bypasses, API abuse, and business logic weaknesses.

### Penetration Testing Trainee, Corelia

Sep 2025 – Feb 2026

*Web, API, and Mobile Penetration Testing Program — Remote, France*

- Conducted end-to-end Web and API penetration testing across diverse lab environments, targeting XSS, SQLi, XXE, SSRF, CSRF, CORS misconfigurations, File Upload/Inclusion, Path Traversal, RCE, Broken Authentication/Access Control, JWT issues, and business logic flaws.
- Performed Android penetration testing through APK reverse engineering and traffic interception; identified insecure storage, client-side trust issues, and cryptographic misuse.

### Offensive Security Trainee, WE Innovate (Telecom Egypt)

Jul 2025 – Aug 2025

*Web, Network, and Mobile Security Training — Cairo, Hybrid*

- Practiced web application testing, Android security fundamentals, and network attack simulations using Linux-based tooling in OWASP-aligned training labs.

## Certifications & Training

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**Certifications:** eWPTXv3, eMAPT, eJPTv2 (INE), Google Cybersecurity Professional Certificate, CSCRB (Certified Security Code Review Beginners)

**Completed:** OSCP Training, CBBH Training, ASCP

## Publications

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**Co-Author:** “The Evolution of Intrusion Detection Systems: Taxonomy, Challenges, and Research Directions”  
Springer Link Publication

## Technical Skills

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**Attack Techniques:** XSS, SQLi, XXE, SSRF, CSRF, CORS Exploitation, File Upload Abuse, Path Traversal, RCE, Authentication Bypass, IDOR, JWT Attacks, Business Logic Exploitation

**Mobile Security:** Android Testing, APK Reverse Engineering, Mobile API Interception, Static & Dynamic Analysis

**Frameworks / Standards:** OWASP Top 10 (Web 2021), OWASP API Security Top 10, OWASP Mobile Top 10, MITRE ATT&CK

**Tools:** Burp Suite, Nmap, Metasploit, Wireshark, JADX, apktool

**Languages:** Python, Bash, JavaScript, PHP, SQL

## Achievements

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**Hall of Fame Recognition:** NASA • Samsung • Ferrero • Zivver

**Competition:** 2nd Place, ITI Universities Competition

## Projects

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### Bad USB – IoT Security

Jan 2026

*Hardware Attack Simulation — Digispark (ATtiny85), Arduino, PowerShell, Python, Firebase*

- Built a full hardware attack chain using USB HID emulation, PowerShell payload delivery, Firebase-based staging, and a Python reverse shell listener to demonstrate physical attack vectors and endpoint detection gaps.

### Intrusion Detection System (IDS)

Sep 2024 – Mar 2025

*Suricata, XGBoost, React, Python, Flask*

- Built a real-time ML-based IDS integrating Suricata with XGBoost models trained on the CIC-IDS 2017 dataset for port-scan and DoS/DDoS detection, with a React dashboard for alert visualization.

## Leadership & Community

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### Founder & Club President — CyberVerse

Nov 2025 – Present

*ElSewedy University of Technology*

- Founded and lead a 200+ member cybersecurity club; organized ethical hacking workshops, CTF competitions, and bug bounty activities, and secured sponsorships that provided members with free platform access.

### President, Student Union — Faculty of Computer Engineering

Nov 2024 – Present

*ElSewedy University of Technology*

- Lead student governance for 200+ students and organized academic events and technical workshops that bridged university learning with industry exposure.

### Technical Assistant — Cybersecurity Bootcamp (UNESCO / ICESCO)

May 2025

*ElSewedy University of Technology*

- Co-delivered a 3-day regional cybersecurity bootcamp for 40+ participants covering Nmap, Metasploit, web vulnerabilities, and MITRE ATT&CK in collaboration with Alpha Defense Systems.

### Instructor — Python Programming Bootcamp

Feb 2025

*ElSewedy University of Technology*

- Delivered a 5-day Python bootcamp covering programming fundamentals with hands-on guidance and support for students.

## Education

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### El Sewedy University of Technology

Expected: Jul 2027

*B.Sc. in Network and Cybersecurity — GPA: 3.6*

## Languages

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Arabic: Native — English: Proficient