

# ABDELRAHMAN MOHAMED WAER

Mansoura, Egypt | 01211890098 | abdowaer099@gmail.com LinkedIn: [linkedin.com/in/wa3r](https://linkedin.com/in/wa3r) | GitHub: [github.com/Abdowaer098](https://github.com/Abdowaer098)

## PROFESSIONAL SUMMARY

CPTE-certified Penetration Tester and Red Team specialist with expertise in gray-box assessments, AI-driven security automation, and secure software development. Proven track record of identifying critical vulnerabilities (IDOR, SSRF, SQLi, RCE) through manual exploitation and Static Application Security Testing (SAST). Experienced in leading technical teams, securing IoT infrastructures, and conducting forensic analysis. Actively preparing for OSCP with a strong focus on Active Directory attacks and advanced web exploitation.

## TECHNICAL SKILLS

- **Offensive Operations:** Red Teaming, Web/Network/IoT Penetration Testing, Privilege Escalation, Post-Exploitation.
- **Vulnerability Analysis:** Static Code Analysis (SAST), Exploit Development, Business Logic Testing, Manual Verification.
- **Security Arsenal:** Burp Suite Pro, Metasploit, Nmap, Nessus, Wireshark, SQLMap, Amass, Shodan.
- **Frameworks & Standards:** MITRE ATT&CK, OWASP Top 10 (Web/API), CVSS Risk Scoring.
- **Programming & Automation:** Python (Security Tooling), Bash, PowerShell, C# .NET (Secure Coding), PHP, JavaScript, SQL.
- **Systems & Infrastructure:** Linux/Windows Administration, Docker Container Security, Cloud Security (AWS S3/IAM).

## PROFESSIONAL EXPERIENCE

### Cybersecurity Instructor & Team Lead | CyberJack / Digital Mind – Remote Jan 2025 – Present

- Leading technical teams in developing cybersecurity curricula focused on ethical hacking and defensive strategies.
- Mentoring students in CTF competitions, improving team rankings in national and international events.
- Delivering technical workshops on web exploitation and network security fundamentals.

### Penetration Testing Intern (Red Team) | Penforce – Remote July 2025 – Sept 2025

- Executed simulated red team operations focusing on Active Directory environments and lateral movement.
- Conducted advanced web exploitation tasks, identifying vulnerabilities beyond the OWASP Top 10.
- Collaborated on executive-level reporting to communicate technical risks to non-technical stakeholders.

### Penetration Tester | Slovesta – Remote Jan 2025 – Mar 2025

- Performed gray-box penetration tests on client web applications, identifying critical flaws like RCE and SQLi.
- Documented remediation steps for developers to mitigate identified security risks effectively.

### Freelance Penetration Tester & Bug Bounty Hunter | Remote June 2024 – Present

- Identified and reported critical vulnerabilities (IDOR, SSRF) across various platforms through bug bounty programs.
- Conducted continuous reconnaissance using automated AI-driven tools and manual OSINT techniques.

### Cybersecurity Intern | Egyptian Agricultural Bank – Egypt Aug 2024

## PROJECTS

### WaerBugHunter Framework (Python, Bash, AI)

- Engineered a modular, AI-powered OffSec framework for automated reconnaissance and intelligent vulnerability scanning.
- Integrated AI models to prioritize subdomains and endpoints based on historical attack patterns.

### IoT Attendance System Security (C++, IoT)

- Secured an IoT infrastructure by mitigating CSRF and session hijacking flaws.
- Implemented secure token-based authentication and rate-limiting to prevent brute-force attacks.

### Hospital Management System (.NET, SQL)

- Developed a secure full-stack system implementing Role-Based Access Control (RBAC).
- Applied rigorous input validation and parameterized queries to prevent injection attacks.

## CERTIFICATIONS

- CPTE - Certified Penetration Tester Expert
- ISC2 - Certified in Cybersecurity (CC)
- CompTIA - Network+ | CompTIA - A+
- Practical Bug Bounty & Ethical Hacking (TCM Security)

## EDUCATION

**Bachelor of Artificial Intelligence – Cyber Security Track** Delta University, Egypt | *Expected Graduation: 2027 GPA: 3.35*

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## COMPETITIONS & ACTIVITIES

- **GlacierCTF 2025:** Ranked 60th (Web Exploitation focus).
- **CyCTF 2025:** Ranked 74th (Web & Forensics).
- **EG-CERT National CTF:** Scored 911 points.
- **VEX Robotics Competition:** 1st Place National Winner (2019).
- **HeroCTF v7:** Ranked 168th (Solved Hard Web/Forensics challenges).