

ABDULLAH MOHAMED HUSSEIN

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PROFESSIONAL SUMMARY

Computer Science student at Nahda University (Class of 2026) from Beni Suef, Egypt. I designed, built, and secured a company's entire internal PHP/MySQL system end-to-end as the sole engineer, and I combine that full-stack background with hands-on offensive security - hunting vulnerabilities on HackerOne and Bugcrowd, with disclosures recognized in the Halls of Fame of U.S. government and corporate Vulnerability Disclosure Programs. I'm currently looking for roles in software engineering and application security.

TECHNICAL SKILLS

- **Security & Offensive Testing:** Web Penetration Testing, OWASP Top 10, Vulnerability Assessment, Wireless Network Security, Reconnaissance.
- **Security Tools:** Burp Suite, Nmap, Metasploit, Wireshark.
- **Programming:** Python, PHP, JavaScript, C++, Bash Scripting, SQL
- **Web Development:** HTML, CSS, MySQL, WordPress, ES6 JavaScript
- **DevOps & Infrastructure:** Git & GitHub, Docker, Linux System Administration, n8n Automation, Networking Fundamentals.
- **Operating Systems:** Linux (Advanced), Windows

PROFESSIONAL EXPERIENCE

Software Engineer - Quality Tests Laboratory

Feb 2026 - Present

- Designed, developed, and deployed the company's entire internal software system end-to-end using PHP and MySQL, owning the full stack from database design to user interface.
- Maintain and continuously enhance the platform in production, delivering modifications, fixes, and new features based on operational requirements.
- Perform in-house penetration testing and security hardening of the system, embedding secure-development practices into the workflow.

Summer Intern, "The Green Leap" Program - Commercial International Bank (CIB)

Sep 2025

- Selected for CIB's competitive remote summer program; gained exposure to corporate banking operations and digital workflows.

Cybersecurity Associate - XLR8

Feb 2025 - Aug 2025

- Design and produce digital content that promotes secure online practices and raises cybersecurity awareness for diverse audiences.

Remote Bug Bounty Hunter - Bugcrowd

Jun 2024 - Present

- Identify, validate, and report web application vulnerabilities mapped to the OWASP Top 10 across active bug bounty programs.
- Document findings with reproducible Proof-of-Concept (PoC) steps, impact analysis, and remediation guidance.
- Earned public recognition in the Vulnerability Disclosure Programs / Halls of Fame of the State of Maryland, the Ohio Attorney General's Office, Belong, and Genius for valid, responsibly-disclosed security vulnerabilities.

LEADERSHIP

Head of Technical Team - IEEE Nahda University Branch

Oct 2024 - Nov 2025

- Led the technical team, organizing coding competitions, workshops, and skill-building sessions for university members.
- Mentored members and oversaw delivery of technical projects; advanced from Technical Team Member (Nov 2023 - Oct 2024).

PROJECTS

Quality Tests Laboratory - Internal Operations System - PHP / MySQL Full-Stack Build

2026

- Architected and shipped a complete PHP/MySQL internal system covering core company operations as the sole engineer across database, backend, and front-end.
- Established an ongoing maintenance and security-testing cycle to keep the platform reliable and hardened in production.

NASA Space Apps Challenge - "MILLER" Team - Local Hackathon

2024

- Co-developed a prototype solution for a NASA-defined challenge within a 48-hour hackathon, placing 6th of 32 teams.

COMPETITIONS & AWARDS

- Silver Medal - Huawei ICT National Competition 2025 (Network Track).
- Best Outstanding Contribution - IEEE Nahda University Branch (2025).
- Top 10 teams - NASA Space Apps Local Hackathon 2024 ("MILLER" team).
- Top 50 teams - CyberTalents Ramadan Nights CTF 2024 ("MILLER" team).
- Top 50 teams - ZINAD IT Cyber Champions CTF 2024 ("Dark Souls" team).

EDUCATION

Bachelor of Computer Science - Nahda University

2022 - 2026

- Relevant Coursework: Data Structures & Algorithms, Operating Systems, Computer Networks, Web Development.

CERTIFICATIONS & TRAINING

Offensive Security & Penetration Testing

- Google Cybersecurity Professional Certificate (Coursera); eJPT - eLearnSecurity Junior Penetration Tester (Netriders Academy).
- Ethical Hacker (Cisco); Ethical Hacking (MaharaTech); Offensive Penetration Testing (Cybrary).
- Reconnaissance (PentesterLab); OWASP Top 10 Web 2021 (MaharaTech); Introduction to Cybersecurity Bootcamp (CyberTalents).
- Cybersecurity Fundamentals (IBM); Cybersecurity Track (Sprints & Microsoft); Cyber Champions Training (ZINAD); Cybersecurity for Beginners (MaharaTech).

Networks & Systems

- Red Hat System Administration I & II (MaharaTech); NDG Linux Essentials (Cisco).
- Introduction to Network Security (MaharaTech); Computer Network Fundamentals (MaharaTech); Wireless Networks Penetration Testing (MaharaTech & Independent).

Programming & Web Development

- Python Track - Introduction, Intermediate, Data Manipulation with Pandas (DataCamp).
- Modern JavaScript: ES6 and Beyond; Building Web Applications using PHP & MySQL (MaharaTech).

ADDITIONAL INFORMATION

- **Languages:** Arabic (Native), English (Intermediate, B1)