

AHMED MOURAD

Alexandria, Egypt

+201022593960 — ahmedmohammedmourad@gmail.com — linkedin.com/in/ahmed-m0urad — github.com/mourad-hash

Summary

Cybersecurity Specialist and Junior Penetration Tester with comprehensive training in network security, cloud services, and vulnerability assessment. Proficient in identifying security weaknesses, implementing protective measures, and conducting penetration tests using industry-standard tools. Combining technical expertise in AWS, network security, and ethical hacking with strong problem-solving abilities to secure digital infrastructures against evolving threats.

Education

Alexandria National University

Oct 2022 – Jul 2026

B.Sc. in Computer Science (Cybersecurity Program)

Alexandria, Egypt

- Key Coursework: Computer Networks, Operating Systems, Secure Software Development, Data Integrity & Authentication, Databases, Artificial Intelligence
- Expected Graduation: July 2026

Experience

Digital Egypt Pioneers Initiative (DEPI)

Jun 2025 – Present

Vulnerability Analyst & Penetration Tester Intern

Alexandria, Egypt

- Conducting vulnerability analysis and penetration testing within defined security frameworks
- Collaborating with development teams to address identified vulnerabilities and implement security fixes
- Improving security testing processes, enhancing efficiency across globally distributed teams
- Evaluating various network segments using industry-standard tools and test cases

National Telecommunication Institute (NTI)

Aug 2025 – Sep 2025

Trainee – Cloud Services Management and Operation

Alexandria, Egypt

- Completed 120-hour intensive program combining AWS technical training (90 hours) with professional skills development (30 hours)
- Gained hands-on experience with AWS Core Services: IAM, networking, storage, compute, and database layers
- Designed scalable, fault-tolerant, and cost-efficient cloud solutions while ensuring performance and compliance
- Built decoupled, serverless, and microservices architectures with disaster recovery planning

National Telecommunication Institute (NTI)

Jul 2025 – Aug 2025

Network Security Intern

Alexandria, Egypt

- Completed 90-hour intensive technical training on networking and cybersecurity fundamentals
- Designed and implemented secure enterprise network topologies with routers, switches, and servers
- Configured OSPF with MD5 authentication, AAA with TACACS+/RADIUS, and SSH-only remote access
- Established Site-to-Site IPsec VPN and applied security measures including ACLs, Zone-Based Firewall, and Port Security
- Utilized security tools including Wireshark, Nmap, and Kali Linux for traffic analysis and vulnerability detection

Projects

Secure Network Architecture & Access Control (*Cisco Packet Tracer*)

Aug 2025

- Designed, implemented, and validated a secure network topology using Cisco Packet Tracer with 9 routers and multiple switches
- Configured OSPF routing with MD5 authentication, AAA with TACACS+/RADIUS, and SSH-only remote access
- Implemented security features including Extended ACLs, IPsec VPN tunnel between branches, Zone-Based Firewall, and brute-force protection
- Established NTP server for time synchronization and Syslog server for centralized monitoring and logging
- Created comprehensive documentation including network topology, device configurations, and validation steps

SecureDocs (*Flask, Python, MySQL, Cryptography*)

2025

- Developed a Flask-based web application for secure document management with AES encryption and HMAC-SHA256 integrity verification
- Implemented user authentication with 2FA using TOTP and role-based access control (Admin/User)
- Enabled secure file upload, listing, and download with proper encryption and integrity verification
- Integrated profile image upload functionality with secure storage and display
- Designed admin dashboard for user management, document monitoring, and system logs with CSV export capability

Technical Skills

Programming Languages: Python, Java, SQL, Dart

Web Technologies: HTML, CSS, JavaScript

Operating Systems: Kali Linux, Ubuntu, Windows

Cloud Technologies: AWS (Cloud Foundations & Security), Oracle Cloud Infrastructure (OCI)

Networking: TCP/IP, OSI Model, Network Protocols, Cisco Packet Tracer

Security Tools: Wireshark, Nmap, Burp Suite, Snort, Kali Linux

Specialized Security Skills: Penetration Testing, Vulnerability Assessment, Network Scanning

DevOps & Version Control: Git, GitHub, Basic Bash

Certifications

Oracle Cloud Infrastructure 2025 Certified Foundations Associate (2025)

AWS Academy Graduate – Cloud Security Foundations (May 2025)

AWS Academy Graduate – Cloud Foundations (Dec 2024)

Cisco Certified Network Associate (CCNA) (Sep 2024)

Mastercard Cybersecurity Virtual Internship (Forage) (Sep 2024)

Soft Skills

Problem-Solving & Critical Thinking: Analyzing complex security challenges and implementing effective solutions

Teamwork & Collaboration: Experience working in teams on security projects and training programs

Communication: Strong written and verbal communication skills; ability to explain technical concepts clearly

Attention to Detail: Meticulous in security analysis, documentation, and implementation

Adaptability: Quick to learn and apply new security tools, technologies, and methodologies

Languages: Arabic (Native/Bilingual), English (Professional Working Proficiency)