

ABDELRAHMAN AHMED MOSTAFA

Cyber Security Instructor | Network Security Engineer | Network Engineer

Giza, Egypt | +20 115 161 8785 | abdomostafapro1@gmail.com | [LinkedIn Profile](#)



PROFESSIONAL SUMMARY

Cybersecurity graduate with a solid foundation in information security and network security, supported by hands-on training and academic projects. Skilled in FortiGate, Cisco technologies, Wireshark, and VMware. Strong presentation and communication skills with the ability to explain technical concepts clearly and eager to contribute as a Cybersecurity Instructor.

EDUCATION

B.Sc. in Cyber Security | Beni Suef National University – Faculty of Computer Science

Graduation Date: 2026 | Cumulative Grade: Very Good

WORK EXPERIENCE

Network & IT Intern | Instant Training Center – Dokki, Egypt

Oct 2025 – Apr 2026

- Configured and maintained Cisco routers and switches in LAN/WAN environments, applying VLAN segmentation, inter-VLAN routing, and ACL policies to simulate enterprise network topologies.
- Diagnosed and resolved 15+ network connectivity issues per week using systematic troubleshooting techniques — ping, traceroute, and log analysis — reducing average resolution time significantly.
- Monitored network performance metrics and proactively identified basic security vulnerabilities, documenting findings and recommending mitigation measures.
- Built and managed VMware virtual environments to replicate real-world networking and cybersecurity scenarios, enabling hands-on practice without impacting production infrastructure.
- Assisted senior engineers in deploying and testing FortiGate firewall rules, security policies, and VPN configurations within supervised lab settings.
- Provided help desk and IT support for end-users including desktop configuration, OS troubleshooting, remote desktop support, and network access provisioning using ticketing systems.

Network Security Intern | NTI – Fortinet Track

Jan 2026 – Feb 2026

- Studied and applied network security concepts using FortiGate Firewall.
- Configured firewall policies, NAT, and access control rules.
- Gained hands-on experience with VPN technologies and secure network connectivity.
- Performed traffic filtering and security policy management.
- Worked with Fortinet solutions to enhance network protection and threat mitigation.
- Participated in practical labs involving firewall configuration and troubleshooting.

EYouth Coordinator | Eyouth – Egypt

Part-Time

- Coordinated training sessions and event logistics for youth development programs, honing communication, teamwork, and project management skills in a fast-paced environment.
- Collaborated cross-functionally with instructors and volunteers to ensure smooth delivery of technical workshops.

TECHNICAL SKILLS

Networking: TCP/IP | OSI Model | VLANs | Routing & Switching | LAN/WAN

Information Security: CIA Triad | Risk Assessment | Security Policies | Access Control | Authentication & Authorization | Incident Response Fundamentals

Network Security: FortiGate Firewall | IDS/IPS | VPN | Firewall Policies

Cryptography: Encryption Fundamentals

Web Security: Secure REST APIs | JWT Authentication | Rate Limiting | Session Management

Security Tools: Wireshark | Nmap | Kali Linux | Security Monitoring

Operating Systems: Linux (Kali) | Windows Server | Windows 10/11

Programming: Python | C++ (Basics)

Virtualization: VMware Workstation | Virtual Network Lab Design

GRADUATION PROJECT

Secure Platform - Cybersecurity Learning Platform

- Contributed to the design and development of an online learning platform focused on cybersecurity education, built with a React frontend and Node.js backend.
- Implemented JWT-based authentication and secure session management to protect user accounts and control access to course content.
- Applied password hashing with bcrypt to safeguard user credentials in line with secure storage best practices.
- Developed secure REST APIs and implemented rate limiting to reduce exposure to abuse and brute-force attempts.
- Applied content protection measures and secure coding practices throughout the platform to reinforce data and access security.

PROJECTS & LAB WORK

Network Simulation & Security Lab Projects

- Designed a multi-site enterprise network topology using Cisco Packet Tracer and GNS3 — implemented OSPF routing, STP, and inter-VLAN routing across 3 simulated branch offices.
- Hardened the network by deploying ACLs and port security policies, reducing simulated unauthorized access attempts to zero.
- Configured zone-based firewall policies, NAT rules, and traffic shaping on a FortiGate VM — successfully controlled and logged all inbound/outbound traffic flows.

CERTIFICATIONS

- HCIA-Datcom – Huawei (Data Communications & Networking) — 2025
- Network Diploma (150 Hours) – Instant Training Center, Dokki 6 mo— 2025
- FortiGate Network Security Track (120 Hours) – National Telecommunications Institute (NTI) — 2026
- Introduction to the Threat Landscape – Fortinet NSE Series — 2026
- CompTIA Security+ SY0-601 – Introduction (self-study) — 2026
- Introduction to Networks – Edraak — 2023
- Pre-Cybersecurity Foundations – Netriders — 2026
- Firewall Fundamentals – Instant — 2025

PROFESSIONAL & PRESENTATION SKILLS

Presentation Skills | Knowledge Sharing | Active Listening | Communication | Teamwork & Collaboration | Problem Solving | Time Management | Fast Learner | Adaptability

LANGUAGES

Languages: Arabic (Native) | English (Intermediate)