

Ahmed Mahmoud Mohammed

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PROFESSIONAL SUMMARY

- Highly-certified System & Network Engineer with expertise in enterprise administration and high-availability infrastructures.
- Dual-focus on technical education, serving as a University TA (**500+ students**), Udemy Instructor (**885+ students**), and Military Networks Instructor.
- Proven expert in **Network Design, System Hardening, and Infrastructure Automation** while translating complex theory into practical, industry-ready skills.

TECHNICAL SKILLS

- System Administration:** Windows Server, Linux Admin, Active Directory (AD DS), Group Policy (GPO), PowerShell, Shell Scripting, ITSM.
- Networking:** CCNA (Routing & Switching), Network Fundamentals, LAN/WAN, TCP/IP, OSI Model, VLANs, OSPF, Access Control Lists (ACLs), DHCP, Port Security.
- Cybersecurity:** Network Security Fundamentals, Vulnerability Assessment, Incident Response, System Hardening. **Tools:** Kaspersky Security Center, Wazuh (SIEM), OpenVAS, Palo Alto Firewalls.
- Cloud Computing:** HCIA-Cloud Computing, IaaS Environments, Cloud Platforms (General Knowledge).
- Programming & Automation:** Python, System Administration Automation, Scripting, Object-Oriented Programming (OOP).
- Hardware & Support:** IT Support (Google Certified), PC Hardware and Software, Technical Support, Hardware Troubleshooting, CompTIA A+ Concepts.

PROFESSIONAL EXPERIENCE

IT Instructor, [Udemy, Freelance](#) (May 2025 – Present)

- Designed and delivered high-quality online courses focusing on IT infrastructure and networking.
- Authored the flagship "[CCNA 200-301](#)" course, empowering **885+ global learners** with a 4.85/5 rating.
- Focused on practical, hands-on labs and real-world scenarios to ensure job readiness.

System Administration Officer, Egyptian Armed Forces, Cairo (May 2024 – Present)

- Held full responsibility for IT administration and infrastructure within a mission-critical unit.
- Managed secure networks and systems, **ensuring 99.9% availability** under pressure.
- Implemented reliable, secure IT solutions in a disciplined environment.

Teaching Assistant, Faculty of Computers and Information, Luxor University (April 2024 – Present)

- Mentor 500+ undergraduate students** in the IT Department, translating complex theory into applicable knowledge.
- Lead hands-on labs in networking, system administration, and IT infrastructure.
- Cultivate an engaging learning environment to prepare students for technical challenges.

EDUCATION

Postgraduate Student (Feb 2025 – Present)

Faculty of Computers and Information, Sohag University

Bachelor of Information Technology, GPA: 3.67/4.0 (Distinction with Honors) (2019 – 2023)

Faculty of Computers and Information, Luxor University

- Core Areas: Computer networking, System Administration, Cybersecurity, Programming & Automation.

LICENSES & CERTIFICATIONS

- **Google:** Google IT Support Professional Certificate (Specialization).
- **Cisco:** Cisco Network Technician Career Path (Includes Network & OS Essentials).
- **Microsoft:** Multiple Certifications (AD DS Admin, GPO, System Admin Essentials).
- **Huawei:** HCIA DataCom Certificate, HCIA Cloud Computing.
- **National/Other:** Cybersecurity Academy (NTI, EG-CERT), Cyber Attack Defense (Armed Forces), USAID Employability Skills.

LANGUAGES

- **Arabic:** Native Speaker
- **English:** Professional Working Proficiency
- **German:** A1 (Basic)

PROJECTS

- **Campus Network Simulation (GNS3):** Designed and configured a large-scale campus network from scratch, simulating multiple departments using OSPF, VLANs, ACLs, and DHCP servers.
- **Military Unit Infrastructure Deployment:** Led the practical implementation of network and system services for a military unit, including Windows Server configuration, Active Directory setup, and network hardening.
- **Security Admin Implementation (Military Unit):** Deployed and managed unit-wide security solutions, including Kaspersky Security Center (Endpoint Protection), Wazuh (SIEM), and OpenVAS (Vulnerability Scanning).
- **Active Directory Automation:** Developed PowerShell scripts to automate user onboarding (creation, OU assignment) and GPO change management for a simulated university environment.