

Mahmoud Nossir

Network Engineer

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Objective

Dynamic Network Engineer with expertise in light current systems, information technology, and cyber security, seeking to leverage innovative solutions to enhance system reliability, security, and efficiency in a forward-thinking organization.

Education

Ain Shams University, Cyber Security SOC Analyst Engineering Program Jul 2024 - Present
Alexandria University, BS in Civil Engineering Oct 2017 - June 2022

Experience

Network Engineer, Blaban – Cairo Feb 2026 – Present

- responsible for the design, implementation, operation, and ongoing support of the organization's network infrastructure, planning, hands-on configuration, monitoring, and troubleshooting to ensure secure, reliable, and scalable connectivity.

Light Current Engineer, Wan Tech – Cairo Oct 2023 – Jan 2026

- Projects: AbuQir Container Terminal, WE Telecom Egypt
- Preparing the site foundations of passive infrastructure for IT department from fiber cables and UTP laying, installing racks and switches by all kinds, fiber cables splicing, testing cables through Fluke test and OTDR test and by the end of the project have been received a thanks letter from AQCT Network and Security Administrator and Information Technology Department expressing the appreciation my hard work and exceptional contribution.
- Design complete CCTV system layouts using AutoCAD, including camera placement, server and rack location, and all necessary calculations to ensure optimal system performance and project execution.

Freelance Civil Engineer

- Conducted detailed site surveys for all project buildings, floors, and rooms, and drafted accurate layouts using AutoCAD and Ms.Excel to prepare comprehensive fire alarm and firefighting system route plans.
- Design complete CCTV system layouts using AutoCAD, including camera placement, server and rack location, and all necessary calculations to ensure optimal system performance and project execution.

Concrete Quality Control, Advanced Material System – Alexandria Oct 2022 – Nov 2023

- Responsible for receiving and inspecting raw material deliveries, preparing concrete mix designs, conducting all necessary concrete tests, ensuring quality compliance and performing curing when required. Coordinated with site engineers for delivery, monitored the concrete until final pouring and ensured adherence to project specifications.

Project Consultant, Engineering Group for Consulting and Project Management – Alexandria Nov 2022 – Mar 2023

- Supervised and coordinated all on-site activities for the construction of a complete gas station. Oversaw execution of work, conducted inspections, verified and approved completed tasks, prepared quantity surveying, monitored expenses, and compiled detailed reports for submission to the owner.

Internship Trainee

Jeilecom for Training

- Light Current Systems professional Diploma
- Content: Data Networks, Access Control, CCTV Systems, Sound Systems, Fire Alarm Systems, Telephone Systems, Master Satellite(SMATV), Intercom systems.

Ain Shams University / Computer Activity In Cooperation with IT Gate Academy

- CCNAv7: Deep Networking concepts, including OSI and TCP/IP, Routing and Switching, Dealing with Cisco switches, Routers and Microsoft devices.
- MCSA 2019: Windows Operating System and Windows Server 2019 Installation, Create Users, Group Policy, Delegation Control, Active Directory, DHCP, DNS, Additional Active Directory, Sharing, VPN, Printers, WDS, WSUS, Hyper-V.
- Linux Admin 1: Describe and define open source, Linux distributions, Evaluate and control processes, Configure network interfaces and settings, Locate and accurately interpret logs of system events for troubleshooting purposes, Configure secure command line service on remote systems, using OpenSSH, Investigate and resolve issues in the web-based management interface, getting support from Red Hat to help solve problems.
- NSE4 Firewall: Network security, Routing, DHCP, NAT, APP filter and file control, VPN
- CEH v11: Walk through the five phases of hacking, studying a targets infrastructure via search engines and shodan and email tracking tools, scan target networks, identify wireless hacking methodology and tools, explore different types of cryptography ciphers and cryptography attacks, identify different threats to IOT platforms.

Smart Technology for Training

- Content: CCNAv7 | MCSA | IT Help Desk | English for IT
- Completing physical training regarding configuring Windows Server, Cisco Switches, Cisco Routers and real Windows Clients, as well as managed to build a real network infrastructure and applied most common services for controlling the whole network and guaranteed an up connection to real internet.

Certifications

Networking:

- CCNA v7 Cisco

Operating System Administration:

- MCSA 2019 IT Gate
- Linux Admin 1 IT Gate

Firewall:

- NSE4 Fortigate IT Gate
- Sophos Concept IT Gate

Pre-Security:

- CyberSecurity For All Mahara Tech
- Introduction to Cyber Security Simplilearn
- Ethical hacking 101 : Beginner guide to Ethical hacking Simplilearn
- Pre-CyberSecurity Netriders

Hacking Tools:

- CEH v11 IT Gate

Hands On Experience:

- TryHackMe

Software:

Design: Autodesk AutoCAD, MS.Visio, Cisco Packet Tracer

Calculations: MS.Excel

Virtual Machine: VMware

Other Tools: IP tools, MobaXterm, Putty

Languages

Mother Language: Arabic

Second Language: English, very good in both written and speaking