






Mahmoud Quteb Farouq Somaa

IT specialist

 Portfolio  Mahmoud Quteb  mahmoud.q.farouq@gmail.com  +20 111 379 3181  Cairo, Egypt

About

IT Specialist with hands-on experience in IT support, networking, and security systems. Currently working at Outsourcing Skill, providing end-user support, managing Sophos XG Firewall, VoIP, VPNs, and biometric attendance systems. Strong background in routing and switching (OSPF, EIGRP, BGP, VLANs, STP) with practical training at Telecom Egypt exchanges. Passionate about networking, troubleshooting, and delivering reliable IT solutions.

Professional Experience

IT Specialist, Outsourcing skill 03/2025 – present
Cairo

- Provide IT support and end-user issue resolution
- Manage Sophos XG Firewall, VoIP, and VPNs
- Install/manage biometric attendance systems
- Deploy and maintain network infrastructure
- Monitor performance and deliver client-focused solutions

On-site training, Telecom Egypt exchanges 07/2023 – 09/2023
Alexandria

Hands-on experience with:

- **Cisco Routing:** OSPF, EIGRP, BGP, HSRP, CDP
- **Cisco Switching:** VLANs, Inter-VLAN routing, Port Security, DAI, DHCP Snooping, STP, EtherChannel, QoS, Layer 3 Switching, PoE/PoE+

IT helpdesk Training, We School For Applied Technology 07/2022 – 08/2022
Alexandria

Completed IT support training with hands-on troubleshooting, remote support, and strong problem-solving and communication skills.

Education

Student, October Technological University 09/2024
6th of October, Egypt

Second-year IT student at 6th October Technological University, gaining practical skills in networking, troubleshooting, and Microsoft Office. Active in IT clubs and workshops.

BTEC Level 3 International Accreditation Diploma, Pearson (UK) 09/2022 – 06/2024
Alexandria

Completed an internationally accredited diploma focused on networking, cybersecurity, programming, and IoT, with hands-on training in network configuration, security, systems, and basic automation.

ATS High School Diploma, We School For Applied Technology 10/2021 – 06/2024
Alexandria

Graduated with 96% in Networking & Cybersecurity. Built a strong technical foundation through hands-on experience in networking, telecom systems, and Python, with practical exposure to CCNA and CCNP (Intro) routing and switching concepts, as well as MCSA . Developed solid skills in troubleshooting, system analysis, and teamwork within BTEC-accredited programs.

Projects

Home Motion Detection System, prototype developed for educational purposes

IoT motion-detection system using NodeMCU ESP8266 and IR sensor, triggering an alarm and sending email alerts upon motion.

Network Design Project, We School For Applied Technology

Designed and simulated a network using E-DrawMax and Cisco Packet Tracer, selecting topology and devices to meet operational needs and budget while ensuring optimal performance.

IT Policy Plan, *We School For Applied Technology*
IT Support Plan, *We School For Applied Technology*

Courses

CCNA, *We Applied Technology School*
CCNP introduction, *We School For Applied Technology*
MCSA, *We Applied Technology School*
Computer coding and programming scholarship program, *Samsung Innovation Campus*
Introduction to network security, *MaharaTech - ITIMooCa*
Cyber Security, *MaharaTech - ITIMooCa*
Cybersecurity Fundamentals, *IBM*
Cloud Essentials, *IBM*

Languages

- Arabic
- English

Tech Skills

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|---|--------------------------------------|
| Routing & Switching and Network Configuration | Network & Cybersecurity Fundamentals |
| Network and System Troubleshooting | Python Programming & Automatio |
| Cloud & Virtualization Basics | IoT Systems & Network Integration |
| Microsoft office | AutoCad |