**Mostafa Saleh**

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**Cairo, Egypt | Military Status: Completed.**

# **OBJECTIVE**

Highly motivated Computer Engineering graduate with CCNP ENCOR, MCSA-level knowledge and who works to learn not to earn. Looking to fill a position as a **Network Engineer** at **WeRoute**. Wishing to use my strong skills, hands-on experience and passion for Network and Cloud Engineering to help **WeRoute** with your upcoming challenge.

# **EDUCATION**

**Bachelor of Electrical Engineering – Computer and Control Engineering Department**

@ Higher Institute of Engineering and Technology Kafrelsheikh, *Kafrelsheikh, Egypt. 2018 – 2023. 5 yrs.*

* **Cumulative GPA:** 3.0/4.0 (74%) | **Major GPA:** 3.5/4.0 (85%)
* **Graduation project grade:** Excellent

**Graduation Project:** [**Intelligent Mobile Robot**](https://mostafasaleh1.github.io/graduation-project-website/)**,** [**GitHub**](https://github.com/mostafasaleh1/Intelligent-Mobile-Robot-IMR)*Jun 2022 - Jul 2023. 1 yr.*

* Designed as an autonomous indoor mobile robot with a mounted arm for object picking/placing and warehouse tasks, the IMR employs odometry, Kinect v2 mapping, AMCL navigation, and wired/wireless ROS-integrated operation.

# **SKILLS**

**Network & Cloud Engineering:**

* **Routing & Switching:** TCP/IP, OSI Model, IPv4/IPv6, Subnetting, Layer 2/3 Switching (ROAS, SVI, VRF, VLAN, EtherChannel), QoS, VXLAN, Route Summarization, FHRP (HSRP, VRRP, GLBP).
* **Network Protocols:** OSPF, EIGRP, BGP, STP/RSTP/PVST/MST, LACP/PAgP, MPLS, DHCP, DNS, NTP, NAT/PAT, GRE, PIM, IGMP, UDP, TCP, ICMP, ARP.
* **Network Security:** ACLs, IPsec, SSL/TLS, AAA (TACACS+, RADIUS), Port-Security, SSH, ARP Inspection, DHCP Snooping, BPDU-Guard.
* **Troubleshooting Tools:** Wireshark, Cisco Packet Tracer, GNS3, SNMP, Syslog, CDP/LLDP, Route-maps, IP SLA (Service-Level Agreement).
* **Virtualization:** VMware, Hyper-V, VirtualBox, Nested Virtualization, Hyper-V Replica.
* **Cloud & Containers:** Kubernetes, Docker, Cloud-Native.

**Systems Administration & IT Support:**

* **Windows Server:** Active Directory, Group Policy, Domain/Forest Management, NTFS/ReFS, Storage Spaces, Storage Pools, FSRM, WSUS, WDS, iSCSI SAN, Failover Clusters.
* **Infrastructure Management:** VPN, Backup Solutions, Performance Monitoring.
* **Operating Systems:** Windows (Server, Personal), Linux (CLI, GUI), Unix (FreeBSD).

**Programming:**

* **Programming languages:** Python, JavaScript, C, C++, C#.
* **Other:** Git, GitHub, PowerShell, Bash scripting, Structured Query Language (SQL).

**Languages:**

* **English:** Fluent (Written & Spoken). | **Arabic:** Native.

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# **EXPERIENCE**

**IT Specialist Soldier @** Ministry of interior*, Kafrelsheikh. Jan 2024 – Feb 2025. 1 yr. 2 mos.*

**IT Help Desk Soldier** @ Security Directorate. *Oct 2024 – Mar 2025. 5 mos.*

* Promoted to IT Help Desk for Security Manager’s Office, providing technical support, and resolving over 5 IT issues per day.

**CCTV Technician Soldier @** Administration of Security Forces. *Jan 2024 – Sep 2024. 9 mos.*

* I was Head Soldier of the CCTV and Security Office, managing system maintenance, surveillance, and security operations.

# **TRAINING & COURSES**

**Training & Internships:**

**Intern @** Telecom Egypt (WE), *Alexandria, Egypt.* *Jul 2021 – Sep 2021. 2 mos.*

* Gained hands-on experience with FTTH networks, connection and traffic devices, including PCM, WDH, SDH, and WDM.

**Aspire leadership Program @** Harvard Aspire Institute, *Remote. 8 Jan 2025 – 11 Mar 2025. 2 mos.*

* Advanced leadership training in strategic decision-making. Applied data-driven problem-solving and stakeholder engagement in cross-cultural team projects.

**Courses & Self-Study:**

* **CCNA 200-301 Prep** (81 hours) (SNL Remote training).
* **CCNP ENCOR 350-401** (63 hours) (SNL Remote training).
* **CCST Network Prep** (70 hours) (Cisco NetCad).
* **Windows Server Administration** (22 hours) (Udemy).
* **Fundamentals of Operating Systems** (Self-Study).
* **Introduction to Git and GitHub** (27 hours) (Coursera).
* **Crash Course on Python** (31 hours) (Coursera).
* **Huawei HCCDA Cloud Native Training** (Remote Training).
* **Introduction to DevOps** (9 hours) (Coursera).
* **Technical Support Fundamentals** (23 hours) (Coursera).