# Mostafa Saleh

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# **OBJECTIVE**

Highly-motivated Computer Engineering graduate. Seeking a dynamic role in Network Engineering provides opportunities for growth, continuous learning, and collaboration. My key interests include IT Infrastructure, Network & Cloud Architecture, System Administration, Protocols and Network Security.

## **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%) High Good.
  - Major GPA: 3.5/4.0 (85%) Excellent.
  - Graduation project grade: Excellent.
  - **Relevant Coursework:** Network Architecture, Cloud Solutions, Operating Systems, Automation, Distributed Systems, Electronics, Communication Engineering, Programming, Data Structures and Algorithms.

## Graduation Project: Intelligent Mobile Robot, YouTube, GitHub

Jun 2022 - Jul 2023. 1 yr.

- Developed an autonomous indoor mobile robot with a mounted arm for picking and placing objects and assisting in warehouse tasks using odometry and Kinect v2 for mapping.
- It operates autonomously via AMCL, wired and wirelessly, and supports ROS (Robot Operating System).

## **SKILLS**

## **Networking:**

- CCNP: ENCOR.
- **CCNA:** Routing & Switching.
- Network Tools: Wireshark, Packet Tracer, GNS3, and PuTTY.
- **Cloud Knowledge:** Containers, Microservices, Kubernetes, Docker, Cloud-Native.

#### **System Administration:**

- Windows Server Administration (MCSA).
- Virtualization: VMware vSphere ESXi, Hyper-V.
- Security management: Firewalls, and VPNs.
- Infrastructure Management: Backup Solutions, and Performance Monitoring.

#### **IT Support:**

- Troubleshooting: OS and application diagnostics, hardware and software issue resolution.
- Operating Systems: Windows (Server, Personal), Linux (CLI), Unix (FreeBSD), Android.
- Remote Support: AnyDesk, TeamViewer, RDP.
- Service Management: ITIL 4.

## **Programming:**

- Languages: Python, and Prior experience in: C, C++, C#.
- Tools & Scripting: Git, GitHub, PowerShell, Bash scripting, SQL, JSON.
- Web Development: Former web developer before I shifted my career. I've Created <u>projects</u> with JavaScript, HTML, CSS, React, Tailwind CSS, i18next, Sass.

#### Languages:

- English: Fluent (I watch TV Series without translation).
- Arabic: Native.

#### Soft Skills:

- Personal Skills: Adaptability, Resilience, Problem Solving, Working under pressure, Communication,
  Troubleshooting, Leadership, Patience, Self Study, Desire for growth, Fast Learner, Fast typing (66 WPM).
- I'm also able to work independently and within a team.

# **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 the Office of the Security Manager.
- Provided technical support, ensuring seamless IT operations, and resolved over 5 IT issues per day.

**CCTV Technician Soldier @** Administration of Security Forces.

Jan 2024 - Sep 2024. 9 mos.

- During my national service, I held the position of Head Soldier of the CCTV and Security Office.
- Managed system maintenance, surveillance, and security operations.

# TRAINING & INTERNSHIPS

Optical Fiber Intern @ Telecom Egypt (WE), Alexandria, Egypt.

Jul 2021 - Sep 2021. 2 mos.

- Gained hands-on experience with FTTH networks, fusion splicing techniques, structure, connection and traffic devices, including PCM, PDH, SDH, and WDM.

Al Trainee @ AIOT, Kafrelsheikh, Egypt.

Jul 2022 - Sep 2022. 2 mos.

- Developed a YOLOv7-based model for **real-time detection of broiler pathologies** using CNNs and multimodal imaging (visible/thermal) in intensive poultry environments.
- Collaborated to build and train high-accuracy datasets, and Optimizing model performance for real-time health monitoring via computer vision and infrared thermal imaging.

**Aspire leadership Program @** Harvard Aspire Institute, *Remote.* 

8 Jan 2025 - 11 Mar 2025. 2 mos.

- Advanced leadership training in strategic decision-making, ethical leadership, and conflict resolution.
- Applied data-driven problem-solving, networking, communication, and cross-cultural team projects.

# **COURSEWORK**

- CCNA 200-301 Prep (81 hours) (SNL Remote training).
- CCNP ENCOR 350-401 Prep (63 hours) (SNL Remote training).
- CCST Network Prep (70 hours) (Cisco Networking Academy).
- Windows Server 2019 Administration (22 hours) (Udemy).
- Complete VMWare vSphere ESXi and vCenter Administration (13 hours) (Udemy).
- ITIL 4 Foundations Certification Prep (8 hours) (Udemy).
- Huawei HCCDA Cloud Native Training (Remote Training).
- Fundamentals of Operating Systems (Self-Study).
- Introduction to Git and GitHub (27 hours) (Coursera).
- Crash Course on Python (31 hours) (Coursera).
- Introduction to DevOps (9 hours) (Coursera).
- Technical Support Fundamentals (23 hours) (Coursera).
- Advanced React (26 hours) (Coursera).
- Front End Web Development Professional Nanodegree (Udacity Scholarship).

## VOLUNTEERING

Event Coordinator @ Momenta, Kafrelsheikh, Egypt.

Oct 2019 - Oct 2021. 2 yrs.

 As a member of Momenta team during my studies at the institute. I contributed to organizing events, coordinating contests and seminars for my colleagues.

Translator @ Coursera (GTC), Online.

Aug 2021 - Oct 2021. 2 mos.

 Contributed to translating 14,364 words on Coursera Global Translator Community (GTC) before it was deprecated.