

# MOSTAFA SALEH

## NETWORK ENGINEER

Cairo, Egypt | +20 114 0855 227 | [most.saleh@hotmail.com](mailto:most.saleh@hotmail.com)  
Website: [mostafasaleh1.github.io](https://github.com/mostafasaleh1) | LinkedIn: [linkedin.com/in/mostafasaleh5](https://www.linkedin.com/in/mostafasaleh5)  
Date of birth: 30<sup>th</sup> July 1999 | Military status: Completed.

---

### OBJECTIVE

Highly motivated Fresher Network Engineer with a web development background. Proficient in configuring and troubleshooting network devices, designing network architectures, and providing technical support. Passionate about Network and Cloud Engineering, with a focus on enhancing IT infrastructure and cloud-based solutions. Seeking a role to contribute to innovative and secure IT solutions while advancing my expertise and fostering learning and collaboration.

---

### EXPERIENCE

#### IT Support Soldier

Ministry of Interior, Security Directorate | Kafrelsheikh, Egypt. Jan 2024 – Feb 2025 • 1 yr. 2 mos.

- Held the position of *Head Soldier of the CCTV and Security Office at the Administration of Security Forces* during my obligatory military service, where I managed maintenance, surveillance, security operations, and event/conference video editing.
- Achieved with my team 30% fewer CCTV malfunctions and 50% better quality videos.
- Promoted later to the role of IT Support for the Office of the Security Manager of Kafrelsheikh Governorate, providing technical support, ensuring seamless IT operations, and swiftly resolving over 5 IT issues daily.

#### Trainee

AIOT | Kafrelsheikh, Egypt. Jul 2022 – Sep 2022 • 2 mos.

- Collaborated with a team to develop and train a dataset of a deep learning model (YOLOv7), which utilizes computer vision, deep learning, infrared rays, and visible light to identify and detect pathological phenomena of poultry in real-time using convolutional neural networks algorithm.

#### Trainee

Telecom Egypt (WE) | Alexandria, Egypt. Jul 2021 – Sep 2021 • 2 mos.

- Learned about the structure and connection of optical fiber cables, underground installation, and fusion splicing techniques. Gained hands-on experience with FTTH networks and Telecom Egypt's traffic devices, including PCM, WDM, SDH, and WDM.

---

### EDUCATION

#### Bachelor of Electrical Engineering – Computer and Control Engineering Department.

Higher Institute of Engineering and Technology Kafrelsheikh | Kafrelsheikh, Egypt. 2018 - 2023 • 5 yrs.

- General grade: *Good (74%)*.
- Graduation project grade: *Excellent*.

---

### PROJECTS

#### Graduation Project: Intelligent Mobile Robot

Higher Institute of Engineering and Technology | Kafrelsheikh, Egypt. Jun 2022 - Jul 2023 • 1 yrs.

- Designed an autonomous indoor mobile robot, named IMR, 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.

#### Detection of Pathological Phenomena of Poultry

AIOT | Kafrelsheikh, Egypt. Oct 2022 – Dec 2022 • 3 mos.

- A deep learning project which identifies and detects pathological phenomena of poultry in real-time and early-alert.

---

## VOLUNTEERING

### Coordinator

*Momenta | Higher Institute of Engineering and Technology Kafr Elsheikh, 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 Global Translator Community (GTC) | Online.*

*Aug 2021 – Oct 2021 • 2 mos.*

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

---

## SKILLS

### Networking:

- CCNA, CCNP Enterprise, Windows Server, VMware, Microsoft Office, Hyper-V, Routing and Switching.
- TCP/IP, OSI, IPv4, IPv6, STP, RSTP, VLAN, DHCP, EtherChannel, VTP, Static Routing, RIP, OSPF, EIGRP.

### Programming:

- JavaScript, Python, C, C++, C#, Git, GitHub, PowerShell, Bash scripting, Structured Query Language (SQL).
- React, HTML, CSS, Redux, Tailwind CSS, i18next, Sass.

### Operating Systems:

- Linux (GUI - CLI), Windows (Server, Personal), Unix (FreeBSD).

### Productivity Software:

- Microsoft Office (Word - Excel - PowerPoint - Outlook - Teams).

### Languages:

- Arabic [Native Speaker].
- English [C1].

### Interpersonal Skills:

- Problem-solving, Working under pressure, Teamwork, Communication, Leadership, Adaptability, Troubleshooting, Fast typing (62 WPM).

---

## COURSES

- CCNA 200-301 (81 hrs.) (SNL Remote Course).
- CCNP ENCOR 350-401 (63 hrs.) (SNL Remote Course).
- CCNP ENARSI 300-410 (84 hrs.) (SNL).
- Windows Server 2019 Administration (22 hrs.) (Udemy).
- Fundamentals of Operating Systems (Self-Study).
- Artificial Neural Networks (Self-Study).
- Front End Web Development Professional Nanodegree (Udacity Scholarship).
- Introduction to DevOps (9hrs.) (Coursera).
- Crash Course on Python (31hrs.) (Coursera).
- Introduction to Git and GitHub (27hrs.) (Coursera).
- Advanced React (26hrs.) (Coursera).
- Technical Support Fundamentals (23hrs.) (Coursera).