Mostafa Saleh

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Cairo, Egypt | Military Status: Completed | Notice Period: 0 days

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 **projects** 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.

AI 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.