

Muhammad Hashim

Electrical Engineer

 Mit Ghamr - Dakahliyya

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Summary


Electrical Engineer with over 3 years of experience in elevator systems maintenance, commissioning, and control panel design for elevator systems. Proficient in troubleshooting electrical faults for various elevator systems, PLC programming, and motor drive systems. Seeking to contribute technical expertise and continuous improvement mindset in a dynamic engineering environment.

Work experience

Maintenance Engineer


 Egypt Gulf for Elevators and Escalators (EGGEEC)


 1/12/2023 - Present


 Heliopolis Chemical Industries (Military Factory 81), Cairo - Bilbeis Desert Road, Obour City (Location: 30.1949N, 31.4244E)


- Conduct scheduled and preventive maintenance for various elevator systems.
- Replace damaged or expired components to ensure operational safety.
- Inspect, troubleshoot, and resolve mechanical and electrical faults.
- Supervise a team of technicians and ensure work quality and safety compliance.
- Review electrical schematics and document maintenance activities.

Testing & Commissioning Engineer

 Egypt Gulf for Elevators and Escalators (EGGEEC)


 1/9/2021 - 30/11/2023


 Heliopolis Chemical Industries (Military Factory 81), Cairo - Bilbeis Desert Road, Obour City (Location: 30.1949N, 31.4244E)


 New Administrative capital (R6)

- Supported installation and commissioning of elevator systems for 4000+ units of same Fuji product.
- Provided technical assistance and troubleshooting during installation.
- Ensured installations followed design guidelines and industry standards.
- Reviewed user manuals and circuit diagrams for installation accuracy.

Junior Maintenance Engineer


 Ash-Sherif for melamine


 20/1/2021 - 30/7/2021

 Al-Khanka

Education

Bachelor's Degree in Electrical Engineering

 Faculty of Engineering - Mansoura University.

 2013 - 2019

Languages

Arabic

Native


English


B1


Skills


Elevator Commissioning & Troubleshooting


Including different elevator control systems

 Local elevator systems troubleshooting


 Fuji elevators commissioning and troubleshooting


 Motor Drives


 Relaying Control


 Basic Electronics


Industrial Automation


 Relaying Control


 PLC Siemens S7 series

 PLC Delta DVP series


 Motor Drives


 Industrial Communication

 SCADA WinCC


 HMI Siemens


Embedded Systems


 8-bit Microcontrollers (PIC - AVR)


 STM32 Families


Software Tools


 TIA portal


 SIMATIC Manager


 WinCC

 Inkscape


 AUTOCAD


 Word


 Excel


 Power Point

Programming Languages

 PLC Step7 languages (LAD & STL & SCL)

 C/C++


 ARM32 Assembly


 Python

Courses & Achievements

Industrial Automation (PLC advanced)

HA Consulting Center

 5/4/2025 - Ongoing


 Al-Abbasiyya/Cairo.


Tracks:

- PLC Advanced
- Industrial Communication
- SCADA/HMI

Industrial Automation (Classic control + PLC Basic Diploma)

HA Consulting Center


 21/5/2021 - 15/8/2021


 Al-Abbasiyya/Cairo.

Tracks:

- Classic Control
- PLC (basic)
- VVVF Motor Drives

Personal Info

 Mit Ghamr - Dakahliyya

 22/8/1994