

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