

# Muhammad Hashim

## Electrical Engineer

 Mit Ghamr - Dakahliyya

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 https://github.com/CommradeGeneral



### 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