


Muhammad Hashim

Senior Electrical Engineer


 Cairo

 Mit Ghamr - Dakahliyya

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Summary

Electrical Engineer with over 4 years of experience in elevator systems maintenance, commissioning, and control panel design for elevator systems. Proficient in troubleshooting electrical faults for various elevator systems. In addition to designing and troubleshooting Industrial automation systems, including 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 to maximize reliability and extend product life.
- Replace damaged or expired components to ensure operational safety, and recommend upgrades if possible.
- Manage spare parts inventory and ensure cost-effective procurement of tools and equipment.
- Collaborate with engineering and project management to ensure compliance with quality and safety standards.
- Inspect, troubleshoot, and resolve mechanical and electrical faults.
- Supervise and train maintenance teams, providing technical guidance and performance feedback.
- Review electrical schematics and document maintenance activities.
- Prepare technical reports, budgets, and maintenance documentation for managements review.

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.
- Collaborate with engineering and project management to ensure compliance with quality and safety standards.
- Ensured installations followed design guidelines and industry standards.
- Reviewed user manuals and circuit diagrams for installation accuracy.

Entry Level Maintenance Engineer

Ash-Sherif for melamine

 20/1/2021 - 30/7/2021
 Al-Khanka

- Conduct scheduled and preventive and predictive maintenance for various machines to maximize reliability and extend product life.
- Replace damaged or expired components to ensure operational safety, and recommend upgrades if possible.
- Manage spare parts inventory and ensure cost-effective procurement

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
-  Relay Logic Control (Classic Control)
-  Basic Electronics









Industrial Automation

-  Relay Logic Control (Classic 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 - 23/9/2025
 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


 Cairo
Mit Ghamr - Dakahliyya
 22/8/1994


of tools and equipment.

- Inspect, troubleshoot, and resolve mechanical and electrical faults.
- Review electrical schematics and document maintenance activities.

Education

Bachelor's Degree in Electrical Engineering

 Faculty of Engineering - Mansoura University.

 2013 - 2019