

Mohamed Elshahat Helal

Electrical Engineer

Jeddah, Saudi Arabia

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Saudi Council of Engineers ID: 1007969

Valid Saudi Driving License

Professional Summary

Detail-oriented and highly motivated Electrical Engineer with over 5 years of hands-on experience in industrial automation, elevator systems, and electrical maintenance. Skilled in project management, electrical design, PLC programming (Siemens), and control systems. Proven ability to lead teams, solve technical problems, and deliver projects on time. Actively seeking a challenging role in a forward-thinking engineering firm where I can contribute and grow.

Education

Higher Institute of Engineering – Elshrouk Academy

Bachelor's Degree in Electrical Engineering

Graduation Year: 2018 | Grade: Good

Professional Experience

Installation Engineer (Team leader) – Green Line Lifts

Jeddah, Saudi Arabia | Jan 2024 – Present

- Manage elevator installation projects from sales to client handover.
- Organize delivery and storage of materials, coordinate subcontractor orders.
- Supervise on-site mechanical and electrical elevator works.
- Implement elevator control circuits and monitor site readiness.
- Caring about safety on site by applying good safety practices

- Manage on-site communication with the customer for day-to-day installation activities with a continuous coordination with the Field Supervisor.

- Responsible for high quality and timely installation of the equipment.

- Apply lean principles to avoid interruptions at work and consistently follow.

- Keeps the installation tooling safe and in good condition.

- Preventive Maintenance.

Automation Engineer – Shouman Co. (Maxtrusion Branch)

Egypt | 2021 – 2024

- Designed and programmed blown film machines using AutoCAD Electrical and Siemens PLC (TIA Portal).

- Managed technical teams, project schedules, and supplier communication.

- Supervised electrical panel assembly based on international standards.

- Provided technical support for machine maintenance and troubleshooting.

Electrical Maintenance Engineer – Ice Food Company

Egypt | Jun 2020 – Jan 2021

- Performed regular maintenance and troubleshooting of production machinery.

- Developed preventive maintenance plans.

- Guided technicians in proper handling of faults and repairs.

Electrical Site Engineer – Amar Misr Co.

Egypt | Jun 2018 – Mar 2019

- Supervised electrical installations in residential buildings.

- Read and executed electrical drawings.

- Prepared daily progress reports and ensured compliance with consultant requirements.

Certifications & Courses

- Classic Control Systems
- AutoCAD for Electrical Design
- Siemens PLC (S7-1200 / S7-1500)
- PMP Preparation Course
- Electrical Distribution Systems (Design, Shop Drawing, Tendering)

Skills

- Strong verbal and written communication skills in English.
- Proficiency in basic IT skills.
- solid foundation in digital technologies.
- Software: AutoCAD, MS Office, TIA Portal.
- Engineering: PLC Programming, Electrical Panel Design, Project Coordination, Shop Drawings, Maintenance Scheduling.