

# Mohamed Ali Abd El Shafy

## Electrical Power Engineer

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🌐 linkedin.com/in/mohamedali2023 📅 20/01/2000 🛡 Fulfilled 🇪🇬 Egyptian

### Education

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09/2018 – 07/2023 **Bachelor's in Electrical Power and machines engineering.** Zagazig, Egypt  
*Zagazig University*

- Cumulative Grade **Very Good**
- Graduation Project: Electrical installation of Sky City – El Galala Resort (A+)

### Courses

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08/2022 – 09/2022 **Electrical Distribution Design Diploma**  
( Online, 40 hours )  
Electrical Load Estimation, Lighting System Design, Power System Design, Panel Boards Design, Transformer, Generator, and UPS sizing, Cable Routing System, Earthing and Lightning Systems

07/2023 – 08/2023 **Infrastructure Course**  
*Udemy Educational platform*  
Low Voltage System ( Distribution Coffre - Distribution Pillar )  
Medium Voltage System ( RMU - Distributer - Oil / Dry Transformer- MV Cables )  
Street Lighting

**Light Current Course**  
Fire Alarm System - CCTV - Data Network - Queuing System

**Electrical Shop Drawing Course**  
Implemented Shop Drawings for (Lighting System - Small Power System - Cable Routing - General details for all systems) ,Quantity  
Survey - Quantity Take Off , prepared and followed technical documents for consultant.

### Professional Experience

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12/2024 – present **Electrical Site and Technical Office Engineer** Cairo, Egypt  
*Al Mashreq Urban Development*

- Project management and oversight of all electrical (LV network) site works such as ( Power System - lighting distribution - Cable tray - Cable Routing - Panel Boards and Infrastructure Works ) in addition to light current works such as ( Fire alarm - CCTV - Sound System - Queuing System - Telephone and Data System ) .
- Quantity survey for all site works and matching it with technical office to prepare invoices .
- Quality control for all site works according to codes , Owner and consultants demands .
- Knowledge of design and Construction Shop drawing regulations and requirements .
- Technical Office Requirements, Prepare Submittals , review the progress , monitor the activities, and prepare daily , weekly and Monthly reports .

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|-------------------|--|---------------------------|
| 08/2023 – 10/2023 | <b>Electrical Site Engineer</b><br><i>El Dawlya For Engineering Supplies and Constructing</i><br>The Training was specialized in designing sensors and how to connect them to control devices such as fire Alarm systems, cameras, intercoms, and sound control.   | El-Fayoum, Egypt          |
| 08/2022 – 09/2022 | <b>Electrical Power Intern Engineer</b><br><i>Devash Control System DCS</i><br>Knowing the different types of panels (low voltage panels and medium voltage switch gears), circuit breakers and power factor correction units .  | AlSadat City, Egypt       |
| 09/2022 – 10/2022 | <b>Electrical Power Intern Engineer</b><br><i>Egyptian Electricity Transmission and Renewable Energy</i><br>Knowledgeable in types of Transformers (power, current and voltage), Overhead Transmission Lines, Underground Cables, types of Towers, Protection Devices on equipment and Control System of the Station | Zagazig, Egypt            |
| 08/2021 – 09/2021 | <b>Electrical Power Intern Engineer</b><br><i>Arab Constructors Company</i><br>Power and control circuits components, And design a project to control a concrete machine with Scada and HMI System.  | 6th October, Cairo, Egypt |

## Projects

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|-------------------|---|
| 12/2024 – present | <b>Social Security Building Development and Upgrading Project</b><br><i>El Salam City ( Cairo )</i> |
| 12/2024 – present | <b>Social Security Building Development and Upgrading Project</b><br><i>Badr City</i>               |

## Skills

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|---------------------------|------------------------|------------------------------------|
| • AutoCAD                 | • Dialux evo           | • ETAP                             |
| • Ecodial                 | • Excel                | • Word                             |
| • PowerPoint              | • Self Learner         | • Presentation and public speaking |
| • Team Leader             | • Good Time Management | • Problem Solving                  |
| • Electrical Shop Drawing |                        |                                    |

## Languages

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**Arabic** — Native/Bilingual

**English** — Fluent

**Germany** — Basic