

# Saleh Salah Saleh

## Electrical Power Engineer

### Personal Information

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**Address:** Mansoura - Egypt  
**Date of birth:** 18 April 2000  
**Military status:** Exemption from the army

### Objective

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Motivated and highly qualified electrical engineering graduate seeking an entry-level position to apply my skills in electrical design, analysis, and problem-solving in a challenging and dynamic environment using my academic knowledge and practical courses, furtherly expanding my experience.

### Education

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Bachelor's degree in electrical Power and Machines Engineering, Port Said University.      Graduated - 2023  
**Grade:** good (70%)

### Graduation project

"Graduation Project is Electrical Distribution for Industrial Factory "Case Study Textile Factory" **which included:**

- Designing a Lighting for the entire factory.
  - Designing a Mep loading feeding and General Power Design.
  - Designing a low current system (CCTV , Sound System , Fire Alarm).
  - Designing a Earthing and Lighing and Bulk Equipment Sizing LV &MV switchgear and Solar Power.
- Performing a complete electrical design for a spinning and weaving factory, determining the loads and supply to the factory, determining the size of the transformers and generator, as well as designing solar cells to rationalize consumption..

Grade: Excellent, Top rated in port said university according to the judgement commission.

### Experience

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- **Electrical Engineer at Amar Misr Engineering Consultant" Aug 2023-Mar 2024".**  
"I worked for a while at a site in Suez as a site engineer and follow-up of the building project, then I became a consulting engineer for the company for a period of time, then moved to the ECAB factory project to work as a maintenance engineer to enable the production of cables and follow-up production lines"
- **Electrical Maintenace Engineer at AL Zuhour Hospital "Mar 2024-Present".**  
"I work for 999 Al-Harbi Company, where I follow up the internal maintenance movement of the hospital and follow up all hospital systems such as light current, generators, transformers and HVAC, and follow up and supervise faults"

## Port Said gas power station

Jul 2022 - Aug 2022

Technical sessions about:

- The work cycle of a gas station.
- How to distribute generated electricity?
- Necessary precautions for safety and protection.
- Control room and equipment used in the station.

## Canal Co. for electricity distribution

Aug 2021 – Sep 2021

Technical sessions about:

- LV and MV Distribution.
- LV and MV Cables.
- Power System Protection.
- Onsite training about determining the damage with Overhead and Underground Cables and Repairing Procedures.

## Online Courses

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Building management system (BMS)	Udemy	14.5 hours
Technical office electrical engineer course	YouTube	12.5 hours
Light current design course	YouTube	15 hours
Electrical design diploma	Udemy	35 hours
Schneider PLC programming	Different sources	
Schneider HMI design and programming	Different sources	

## Courses

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### Professional Training Diploma at Eduvate

Jul 2023 – Oct 2023

Technical sessions about:

- Conceptual Design ,General Power Design ,Lighting Design , MEP Feeding, panel schedules preparation
- LV and MV Cables selection & sizing, power system calculations, Earthing & Lighting system , Infrastructure.
- Smart Panels ,KNX , Technical office , Low current System..
- Onsite training about determining the damage with Overhead and Underground Cables and Repairing Procedures.

## Skills

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### Computer Skills

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|--------------|----------------------------|--------------------|
| • AutoCAD    | • Siemens TIA Portal       | • Factory IO       |
| • DIALux     | • Schneider Control Expert | • CADe_SIMU        |
| • DIALux evo | • Schneider Vijeo designer | • Microsoft office |
| • ETAP       |                            |                    |

**Technical skills**

- Have good experience in classic control, PLC, HMI, and drive programming.
- Good experience in electrical design (load estimation, lighting, power, SLD, panel schedule, cable routing, street lighting, and BOQ).
- Have background about light current systems (fire alarm, TV, sound, data, access control, queuing, water leakage, telephone, nurse call, master clock, and intercom).
- Have background about works of electrical engineer in the technical office.

**Soft skills**

- Self-learning
- Problem troubleshooting
- Time management
- Communication skills
- Teamwork
- Work successfully under pressure

**Language skills****Arabic**

- Mother tongue.

**English**

- Very good read and write.
- Good speaking.