

Saleh Salah Saleh

Electrical Power Engineer

Personal Information

01001197362
Phone & WhatsApp: salehsalah417@gmail.com
Mail: <https://www.linkedin.com/in/saleh-salah-595b91172/>
Linked in: PortSaid - Egypt
Address: 18 April 2000
Date of birth: Exemption from the army
Military status:

Objective

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

Graduated - 2023
Bachelor's degree in electrical Power and Machines Engineering, Port Said University.
Preparing for a master's degree in the high voltage field.
Grade: Good (70%)

Experience

- Electrical and Production Engineer at Ecab Factory "Maintenance and production" Aug 2023-Present.
I work in the factory to make plans fo the production of LAN cables and product quality in addition to electrical maintenance of machines and connecting their circuit.

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.

Internships/



HA (Hassan Ali) Consulting group

Aug 2022 – Oct 2022

- Classic control
Design over 15 tasks like controlling motors using electrical devices such as contactors, relays, timers, pushbuttons, sensors, and circuit breakers.
- PLC programming “basic”
Use programmable logic controller (PLC) to design over 25 tasks using companies software like Siemens, Kin co and Wecon then implement all tasks manually.
Design tasks on simulation programs like Factory IO and LogixPro.
- Drive Programming
Programming different types of drives and learn how to read drive manual and datasheet.

Talkha power station

Jul 2021 - Aug 2021

Technical sessions about:

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

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.

Online Courses

- Light current design course (YouTube)
- Electrical design diploma (Udemy)
- Technical office electrical engineer course (YouTube)

Skills

Computer skills

- | | | |
|--------------|----------------------------|--------------------|
| • 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.