

Holds a B. Sc. in Electrical Power Engineering and has about 8 years of experience in designing and reviewing electrical power distribution systems across large-scale projects in Egypt, KSA, UAE and Qatar. Skilled in leading design teams, reviewing technical work and ensuring compliance with international standards (IEEE, NEC and Egyptian code). Proven ability to deliver efficient, safe and cost-effective electrical solutions in complex projects including hospitals, commercial hubs, residential developments and government facilities.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 30/03/1995
Gender : Female
Residence : Helwan, Cairo

EDUCATION

: B. Sc. in Electrical Power Engineering, New Cairo Academy (NCA), 2018

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD, Revit, ETAP, Dialux

TRAINING COURSES AND CERTIFICATIONS

: Distribution courses in Jelecom (2017).
: Automation Control (Classic Control, PLC, SCADA), Cairo University (2017).
: Micro Controller (Arduino) (Self-Study).
: AutoCAD and Revit (Self Study).
: English Conversation (Berlitz, SYE).
: Automation Control (IEEE Control Workshop).
: Solar Energy (Fixed and Tracking Panels).
: Trainings at:

- Academy Shaker Consultancy Group (from Sep. till Nov. 2018).
- National Energy Control (NECC) (2017).
- SHAKER Consultancy Group (2017).
- The Egyptian Metro, Cairo (2016).

- Cairo South Power Station (2016).
- Cairo North Power Station (2015).

CHRONOLOGICAL EXPERIENCE RECORD

Dates	:	From 2018 till now
Employer	:	Shaker Consultancy Group
Job Description	:	• Senior Electrical Design Engineer (from 2024 till now): - Review and refine team members work to ensure accuracy. - Lead, guide and support team member to enhance their skills and efficiency. - Develop and improve work processes. • Electrical Design Engineer (from 2018 till 2024): Design of the following electrical power distribution systems: - Medium and low voltage distribution networks including transformer substations, prime power and emergency generation systems, low voltage distribution network using busbar trunking system (in high rise buildings) or low voltage cables. - Lighting design and power distribution. - Grounding system for power stations, substations, factories, hospitals, hotels. - Lightning protection system for high-rise buildings and buildings exposed to strikes.

Sample of Reference Projects at Egypt, KSA, UAE and Qatar:

- KSA:
 - Islamic World District (IWD).
 - Dr. Sulaiman Al Habib Hospital, Unaizah.
 - ZATCA Landports.
- Egypt:
 - Modon Project, Ras Al Hekma.
 - Noor Neighborhood Centers (B3 & V5).
 - Madinaty Commercial Strip, New Cairo.
 - Sky Medical Hospital.
 - Skyline (Design Review).
 - Open Air Mall Madinety.
 - Government District New Capital (Cabinet Building).
 - National Bank of Egypt, New Administrative Capital.
 - Commercial International Bank, New Administrative Capital.
 - Suez Canal Bank, New Administrative Capital.
 - Housing Development Bank, New Administrative Capital.
 - Watanya Gas Station.
 - ESQ (Emaar Square Qatamia) uptown Cairo.
 - City Star Katameya.
 - SODIC (Infrastructure).
- UAE:
 - ADLI (Abu Dhabi Luxury Island Hotel).
- Qatar:
 - Tarsheed School.

- Field of experience :**
- Electrical load estimation and concept reports (IEEE, NEC standards).
 - Electrical substation design: transformers, generators, RMUs, MDBs, MVSG, UPS.
 - Coordination with architectural teams for electrical rooms and shafts.
 - Preparation of lighting, power, cable routing drawings, single line diagrams and panel schedules.