

Holds a B. Sc. in Electrical Power Engineering and has over 6 years of experience in the engineering field, specializing in electrical design of almost 4 years in GCC (UAE) projects with a good acknowledge with ADDC & DEWA & SEWA regulations. Proficient in REVIT, ACC, BIM360, AutoCAD, Dialux / Evo, ETAP, and various electrical engineering techniques. Strong skills in space planning, load estimate, cable/tray sizing, panel board schedule, lighting calculations. Currently holds the designation of Electrical Engineer, contributing to innovative design projects.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/01/1996
Gender : Male
Marital Status : Married
Residence : Misr El-Gdeda, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Mansoura University, 2019

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: REVIT
: DIALUX, DIALUX EVO
: Amtech Trimble
: ACC BIM 360
: In-Design
: ETAP

TRAINING COURSES AND CERTIFICATIONS

: MEP BIM Diploma (full scholarship) by KAITECH ("Best member") (Jun. 2022).
: Electric Power System Engineering (ABB) (Jul. 2021).

- : Load Estimation course (Udemy) (Oct. 2020): Using NEC-220 & IEEE-241 & EGY CODE & DPS CODE & Siemens guide & BSRIA guide.
- : Cert Prep: Revit MEP Electrical Certified Professional (Lynda) (Jan. 2020).
- : Revit 2020: Essential Training for MEP (Metric) (Lynda) (Jan. 2020).
- : Revit MEP Course (Udemy) (Jan. 2020).
- : AutoCAD Essential Training Course (Lynda) (Jan. 2020).
- : Dialux Evo (Interior & Facade lighting design).
- : Energy University 2019 Championship by Schneider Electric (Jul. 2019): many topics of electrical engineering such as MV, LV network & Selectivity studies.
- : Autodesk BIM week (REVIT MEP workshops) by TEA Serv Company (Dec. 2018).
- : "APE" Program powered by Engineering Consultants Group (ECG) (Jul. 2018).
- : Training at North Delta Electricity Distribution Company, Damietta (Jul. 2018): operation and generation of power plants.
- : Training at East Delta Electricity Production Company, Damietta (Jul. 2017).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2026 till now

Employer : NEXT Architectural & Engineering Consultants

Projects :

- DANUBE, GREENZE MIXED USE BUILDING, DUBAI, UAE:
 - 2 Residential towers consist of (G+3P+14) mixed between Amenities, retails, clinic, health care areas and residential apartments.
 - 5 types of villas and town houses consist of (G+2).
- TARRAD, CELECTO 3 DUBAI LAND RESIDENCE COMPLEX, DUBAI, UAE:
 - Residential tower consists of (B+G+3P+11).
- EMAAR, THE VALLEY NORTH, DUBAI, UAE:
 - Consist of a community center, Gym, Amenities and guard house.

Job title : Senior Electrical Engineer

Dates : From Jul. 2022 till Jan. 2026

Employer : STUDIOI (Egypt / UAE)

Projects :

- ZAIN MALIK RESIDENCE, DUBAI ISLANDS, DUBAI, UAE:
 - Residential tower consists of (G+2P+8).
- BAHRIA TOWN PROPERTIES, DUBAI, UAE:
 - 4 types of villas and town houses consist of (G+2).
 - Commercial, Retail, Support buildings, Mosque and Imam house.
- MODON, HYDAYRIYAT CENTRAL, ABU-DHABI, UAE:
 - 10 types Luxury villas consist of (B+G+2).
- MAF "MAJID AL-FUTTAIM", GHAF WOODS, DUBAI, UAE:
 - 10 residential buildings "G+6" with a combined podium (5000 m2) with total BUA (12000 m2).
- IMKAN, SHA MIXED USE & WELLNESS CENTER, ABU-DHABI, UAE:
 - Hotel and Wellness center consists of (G+6).
 - 4 types residence villas consist of (G+2).

- Residence building consists of (G+5).
- FEATHER, DELMA SPORTS COMPLEX, ABU-DHABI, UAE:
 - Sports specialized building consists of (3B+G+2) with total BUA (12000 m2).
- NAKHEEL, PALM JEBEL ALI, DUBAI, UAE:
 - 48 types villas consist of (G+3).

Job title : Electrical Project Engineer

Dates : From Dec. 2021 till Jul. 2022

Employer : Project ADVISOR'S

Project : Medad, 4 season mixed-use residential hotel, KSA
(Residential Hotel consists of 29 Floors)

Job title : Electrical Engineer

Job Description : Prepare shop drawings for containment, lighting, and power systems.

Dates : From Jun. 2021 till Dec. 2021

Employer : EMDAD Architects & Engineers

- Projects** :
- Hassan Allam Properties, SWANLAKE Residential, New Cairo, Egypt:
 - Residential compound consists of 14 buildings (B+G+6).
 - KBP (Khobar Business Park), ALKHOBAR, KSA:
 - Core & Shell project consists of 5 commercial buildings (offices, Restaurants and Tenants).
 - Hassan Allam Properties, Park Town Residential, New Cairo, Egypt (part time).
 - EMAAR, Belle Vie, New Cairo, Egypt (part time).

Job title : Electrical Engineer

Dates : From Dec. 2019 till May 2021

Employer : Egypt Africa engineering (EAe)

Job title : Electrical Technical Office Engineer

- Job Description** :
- Coordination (Selectivity) study for MV & LV systems using ETAP software:
 - Zubair Desalination Plant, Iraq.
 - GASCO LPG Transfer (Damietta to Tanta), Egypt.
 - Port Said Tunnels, Port Said, Egypt.
 - DANONE FARM, NUBARIA, Egypt.
 - Eastern (Tobacco) Company, 6th of October, Egypt.
 - NEW ASPHALT UNIT PROJECT, Egypt.
 - Sonker: Basin 3 Liquid Bulk Terminal, Sokhna Port, Egypt:
 - Power & Control wiring interconnection for MV & LV Bulk Equipment's.
 - ABB Scope: (22 & 6.6 & 0.4KV) Switchgears + (power & Distribution) Transformers.
 - Siemens Scope: Motors (SST & VFD).
 - Caterpillar Scope: (6.6 & 0.4KV) Generators.
 - DANONE FARM, NUBARIA, Egypt:
 - Re-design of cables routing from underground to cable trays, considering all derating factors.

- Design the Earthing system for the Electric Bulk Equipment's rooms (RMU, TR and MDB's).
- Design Lighting and small power system.
- Prepare workshop drawings for cable trays, cable routings, ducts (man & hand) holes.
- Site supervision for cable routing & cable trays and panels installation.
- Attend & approve the Panel board FAT test.
- SCITRA FACTORY, 6th of October, Egypt: Design of lighting, power network includes cables, circuit breakers, sockets and distribution panels. Add some low current systems.