

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 13 years of experience in Transmission Substation Construction, Oil & Gas, Power Plants and Mega Infrastructure Projects across Egypt, Saudi Arabia and Iraq. Proven expertise in 380/132/33/13.8KV substation systems, E&I design, site contractor supervision, commissioning, cost control and full project lifecycle management. Adept at leading multidisciplinary teams and ensuring compliance with IEC, NEC and client specifications.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/06/1991
Gender : Male
Residence : Currently KSA

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Mansoura University, 2013

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Photoshop
: AutoCAD, ETAP, DIALUX "for illumination design"...etc.

TRAINING COURSES AND CERTIFICATIONS

: PLC (Siemens S7-200).
: Power System Distribution (design and analysis).
: OSHA general industry safety and health.
: AutoCAD
: HVAC (maintenance and design using HAP program).
: ICDL v5
: General English (levels 6, 7 and 8).
: Soft Skills.
: Trainings at:
• Damietta Combined Cycle Power Station (2011 and 2012).

- Mopco Misr Fertilizers Production Company.
- Shoman for al-plastic.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2023 till now
Employer : PETROJET
Project : NEOM Water Transmission Project, KSA
Job title : Senior E&I Technical Office Engineer
Job Description :

- Lead E&I engineering activities for a mega-scale water transmission project under NEOM and Bechtel supervision.
- Responsible for subcontractors and client invoices, supporting Cost Control in monitoring and analyzing project expenses.
- Prepare technical and commercial proposals, BOQs, and detailed cost estimates.
- Coordinate multidisciplinary teams (Electrical, Instrumentation, Fire & Gas, Telecom) ensuring compliance with IEC, NEC, and client standards.

Dates : From Dec. 2019 till Jul. 2023
Employer : PETROJET
Projects : Midor Refinery Expansion Project
Job title : E&I Technical Office Engineer
Job Description :

- Ensured material and design compliance with Technip FMC and MIDOR specifications.
- Managed SAP procurement cycles and subcontractor payment approvals.
- Prepared and maintained technical submittals, RFIs, BOQs, and progress reports.
- Achieved measurable cost savings through efficient material and resource management.

Dates : From Aug. 2019 till Dec. 2019
Employer : J&P AVAX
Project : Bismaya CCPP 1500MW, Iraq
Job title : Electrical Site Engineer
Job Description :

- Supervised site installation of electrical works: cable trays, earthing, lighting, and power systems.
- Developed grounding and protection system layouts; supported cost control and budget monitoring.

Dates : From Oct. 2018 till Aug. 2019
Employer : Carlo Gavazzi
Project : Zohr Gas Field Project
Job title : E&I Technical Office Manager
Job Description :

- Led technical office activities for E&I, Fire & Gas, and telecom systems.
- Designed cable routing layouts and electrical network drawings.

- Acted as main technical interface between Petrojet, Petrobel, and ENPPI.

Dates : From Aug. 2018 till Oct. 2018
Employer : Schneider Electric
Project : West Nile Delta Gas Project
Job title : Electrical Commissioning Engineer
Job Description :

- Commissioned MV switchgear, LV panels, transformers, and protection systems.
- Executed testing for circuit breakers, CTs, and protection relays with Bechtel and BP teams.

Dates : From Jul. 2017 till Aug. 2018
Employer : Carlo Gavazzi / Bonatti
Project : Zohr Offshore Project
Job title : E&I Technical Office / Field Engineer
Job Description :

- Developed cable management systems and electrical layouts for offshore facilities.
- Tracked construction progress for E&I, F&G, and telecom installations.

Dates : From Jan. 2017 till Jul. 2017
Employer : AC Boilers S.A.E (Ansaldo Caldaie)
Project : West Damietta Power Plant 500MW
Job title : E&I Technical Office Engineer
Job Description :

- Prepared electrical system designs for CCPP.
- Developed BOQs, resolved technical discrepancies, and maintained as-built documentation.

Dates : From May 2016 till Jan. 2017
Employer : Electro Tharwat
Project : West Damietta Power Plant
Job title : E&I Technical Office Engineer
Job Description : Designed grounding and cathodic protection systems; prepared RFIs and technical clarifications.

Dates : From Apr. 2015 till Mar. 2016
Employer : Orascom Construction Industries
Project : Damietta Power Plant 500MW
Job title : Electrical Site Engineer
Job Description : Supervised installation of cable trays, lighting, and power networks; ensured PGESCO compliance.

Dates : From Oct. 2013 till Oct. 2014
Employer : Al-Nour for construction and buildings
Project : Damietta Specialized Hospital
Job title : Electrical Site Engineer

Job Description :

- Installing the electrical works like lighting, power sockets, ups.
- Installing light current like fire alarm, sounds, telephone, TV.

Field of experience :

- Transmission Substations (380/132/33/13.8KV).
- MV & LV Electrical Distribution Systems.
- Site Contractor Supervision & Project Management.
- Commissioning, Pre-Commissioning & Testing.
- E&I Design & Technical Office Management.
- Single Line Diagrams (SLD) & Load Calculations.
- Earthing, Grounding & Lightning Protection.
- SAP – Procurement & Cost Control (Advanced).
- QA/QC Documentation & Material Approvals.
- AutoCAD / SCADA / F&G Systems.