

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 14 years' experience working in construction, design, testing and commissioning.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 20/05/1983  
Gender : Male  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Electrical Power & Machines Engineering, Alexandria University, 2008

## **LANGUAGES**

Arabic : Native Language  
English : Fluent

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: Dialux  
: SIMARIS  
: AutoCAD  
: Matlab  
: SAP  
: Revit MEP  
: ETAP  
: EPlan  
: Caneco BT software  
: Primavera P6

## **TRAINING COURSES AND CERTIFICATIONS**

: Summer Training at Sidi Krir Power Station.  
: Electrical Installation Course at Don Bosco Institute.  
: Automation and Control Course (SIMENS S7-200 PLC).  
: Planning and Scheduling Professional "PSP Preparation Course" (PRMG 075).

- : Project Management Professional Course (Brooklyn Academy PMP Scholarship).
- : The Requirements of the International Convention for Training Standards (STCW 95) and its Amendments:
  - International Code for the Security of Ships and Port Facilities (Support Level).
  - Personal Survival Techniques Search and Rescue.
  - Personal Safety and Social Responsibilities.
  - Fire Prevention and Fire Fighting.
  - Medical Emergency Basic Training (Elementary First Aid).
  - General Industrial Safety Course (OSHA).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Feb. 2021 till now
- Employer** : Engineering Consultants Group S.A (ECG)
- Projects** :
  - Marina H9 Beach Hotel (the Address Hotel), Mediterranean North Coast, Egypt
  - Marina H3 Vida Hotel & Yacht Club, Mediterranean North Coast, Egypt
- Job title** : Senior Electrical Engineer
- Job Description** :
  - Study drawings, specification and contractual obligations, keeping abreast of all revisions.
  - Plan / schedule work priorities - monitoring work of junior engineers and site supervisors.
  - Produce standard reports, progress reports and final acceptance and completion report.
  - Produce programs, method statements, risk assessments, health & safety information and as-built information.
  - Monitor, review, comment and report on progress payments, quality control and safety.
  - Prepare draft correspondence for final approval by the construction manager/chief engineer.
  - Assist with pre-tender and pre-construction contracts, providing input for change orders and claims analysis.
  - Review and approve the as-built drawings and contractors' valuations payments for final approval.
  - Supervise commissioning and start-up activities.

- Dates** : From Nov. 2018 till Oct. 2020
- Employer** : Siemens Mobility LLC
- Project** : Modernization of Railway Signaling System on the Benha - Port Said line, Egypt
- Job title** : Signaling Installation Leader
- Job Description** :
  - Coordinated and supervised the installation of signaling systems such as level crossing barrier drives, road signals, track circuit, point machines main signals and connection boxes.
  - Managed and supervised the work of 4 electrical supervisors and approx. 20 electrical technicians.
  - Project management and site status reports.
  - Planning and requisition of resources and materials - quantity and quality

inspections.

- Inputs for as-built drawings.
- Established and monitored work instructions, delivering progress reports/field instruction.
- Testing and commissioning according to specification and design documents.

**Dates** : From Jul. 2018 till Oct. 2018  
**Employer** : Rowad Modern Engineering (RME)  
**Project** : TAMY ALAMDEED 500/220/66/22KV GIS S/S, Mansoura, Egypt  
**Job title** : Senior Electrical Engineer  
**Job Description** :

- Coordinated and supervised the installation of power transformers, 220KV GIS and 500KV GIS, the power supply, low voltage equipment and connections to the national electricity provider.
- Installation, adaptation, termination, testing and commissioning for new 500/220/66/22KV GIS substation.
- Planning and requisition of human resources and materials - supervising electrical technicians.
- Project scheduling, progress reporting and site status reports for management.

**Dates** : From Mar. 2018 till May 2018  
**Employer** : Reliable Technical Services (RTS), Cairo  
**Job title** : Senior Electrical Engineer  
**Job Description** :

- Coordinated and supervised installations of lighting, LV distribution, metering and protection, standby/emergency power systems, generators and UPS systems, lightning protection and earthing systems, LV and comms, cable containment systems.
- Managed and supervised electrical technicians.

**Dates** : From Dec. 2017 till Feb. 2018  
**Employer** : SAB for Engineering and Construction, Alexandria  
**Project** : Cleopatra Luxury Resort, Marsa Matrouh, Egypt  
**Job title** : Senior Electrical Engineer  
**Job Description** : Design and specification of the following systems: lighting, small power, LV distribution, metering and protection, standby/emergency power systems including generators and ups systems, lightning protection systems, earthing systems, LV and comms cable containment systems.

**Dates** : From Aug. 2011 till Nov. 2017  
**Employer** : ASEC AUTOMATION  
**Projects** :

- Multi-compartment cement silo – KSA
- Masonry cement silo of 3000 tons & new vertical cement mill – Philippines
- Raw material handling area refurbishment – Cairo, Egypt
- Re-vamping of a Raw Mill (Cement) – Assiut, Egypt
- Coal mill and DS feeding system – Beni Suef, Egypt
- Cement grinding mill – Philippines

- Coal mill – Cairo, Egypt
- Power Station pre-commissioning – Beni Suef, Egypt
- Cement product line – Algeria
- Two new coals mills – Sinai, Egypt
- Cement grinding mill – Philippines
- Packing Plant – KSA
- Zohr Development Project: gas field on-shore plant facilities, Port Said, Egypt

**Job title** : Senior Electrical Engineer

- Job Description** :
- Electrical design, testing, commissioning, starting-up and troubleshooting, including panel building, cable sizing, cable routing, protective earthing systems for the above-mentioned projects.
  - Planned, scheduled, and organized electrical technicians to meet the schedule of works.
  - Regular collaboration between clients, architects and consultants - keeping them well-informed.
  - Resolved any technical difficulties and issues that may arise.
  - Oversaw the selection and requisition of materials for use in the construction/maintenance - checking the quality.
  - Analyzed power systems (SLD, LFA, SCA, VD, cable sizing, motor starting, protection coordination and harmonic analysis).
  - Designed LVSG, LVDB, MCC, PFC, ACC, AMP & DMP, cable routing and protective earthing systems.
  - Prepared cable, signal and I/O lists, interconnection wiring diagrams, material BOQ and purchasing requests.
  - Designing shop and as-built drawings.
  - Prepared testing and commissioning method statements.
  - Testing, commissioning, starting-up and troubleshooting of electrical equipment and systems.

**Dates** : From Nov. 2010 till Jul. 2011

**Employer** : Indirect Trading & Contracting, Cairo

**Job title** : Electrical Engineer

- Job Description** :
- Delivered high quality, detailed engineering design for electrical building services and power distribution systems, including calculations, analysis, schematics, drawings, diagrams, models, specification and documentation.
  - Coordinated the design approval process in consultation with other disciplines.
  - Management of projects from inception to post-construction.
  - Established and maintained collaborative relationships with internal and external stakeholders, the design team, authorities, utilities and associated organizations.
  - Attended meetings with the client, project team and contractors.

**Dates** : From Feb. 2009 till Oct. 2010

**Employer** : ASEC AUTOMATION

- Projects** :
- Re-vamp of cement mill & main station – Alexandria, Egypt
  - Limestone crusher, pre-heater & kiln – Sudan
  - Casting cutting machine, electrical arc furnace and ladle furnace – Suez,

- Egypt
- New Power Plant 600MW – Cairo, Egypt
- Job title** : Junior Electrical Engineer
- Job Description** :
- Installation of MVSG, LVSG, DB, MCC, PFC, ACC, AMP & DMP sensors, cable routing, protective earthing systems, cables pulling & wiring connections for the above-mentioned projects.
  - Supervised the construction of plants, buildings, equipment, components and systems to client specifications.
  - Resolved any technical difficulties and issues and delivered progress reports.
  - Oversaw the selection and requisition of materials, quality control and on-site safety.
  - Checked drawings and documents used on-site for approvals and compliance with project requirements.
  - Ensured work carried out to approved method statements and drawings.
  - Conducted inspections on materials, equipment and all activities for electrical installations.
  - Installed MVSG, LVSG, DB, MCC, PFC, ACC, AMP, DMP and sensors.
  - Oversaw cable pulling and wiring connections and installed cable routing and protective earthing systems.
- Dates** : From Jun. 2008 till Jan. 2009
- Employer** : Alexandria Company for Plastic (AlexPlast)
- Project** : New Calcium Carbonate Plant, Alexandria, Egypt, Calcium Carbonate product line
- Job title** : Electrical Engineer
- Job Description** :
- Designing the function specification and logic diagram.
  - PLC/HMI programming.
  - Drawing up circuit diagrams for low voltage electrical equipment.
  - Installing, Testing, Starting-up & Troubleshooting for low voltage electrical equipment.
- Field of experience** :
- Implement complex electrical systems and operations for large construction projects, railway signaling, oil and gas field on-shore facilities and industrial plant and equipment automation and more - evaluating systems' safety, reliability and performance.
  - Highly skilled in electrical system design utilizing various CAD and engineering software, also providing inputs for as-built drawings.
  - Installations, fault finding, testing & commissioning.
  - Pre-planning & design.
  - Review, input and approve as-built drawings.
  - Scope of work preparation.
  - Resource forecasting & allocation.
  - Budget/cost set up and tracking.
  - Change orders and claims analysis.
  - Delivery management.
  - Quality control & general reporting.
  - Project closing.
  - PLC/HMI programming.