

Holds a B. Sc. in Mechanical Engineering and has over 4 years hands-on experience working in designing and installing solar energy projects, lifting safety plans.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 04/04/1992
Gender : Male
Residence : Qalubia

EDUCATION

: B. Sc. in Mechanical Engineering, Shoubra University, 2014

LANGUAGES

Arabic : Native Language
English : Very Good
German : Basics

COMPUTER SKILLS

: Windows, MS Office, Internet
: PVsyst
: Solid Works
: Autodesk Inventor
: AutoCAD 3D Plant
: HAP
: AutoCAD MEP
: SAP 2000
: MS Project
: Primavera

TRAINING COURSES AND CERTIFICATIONS

: Solar Energy Engineering Training, German Technology Solar Systems (GTSS) (Jan./Feb. 2015):

- Design and install solar energy systems.
- Test and simulate PV systems.

- : Oil Refining Training, Cairo Oil Refining Company (CORC) (from Jun. till Oct. 2012):
 - Heat Exchanger Maintenance.
 - Test and simulate Oil Refining units.
 - Pipe Racks Construction & Maintenance.
- : Aeroplanes & Hydraulic Equipment Maintenance, Cairo Airport (Egypt Air) (Aug./Sep. 2011):
 - Investigation in some technical issues caused alarms at plane landing.
 - Charging & Maintenance Air Conditioning at planes.
 - Push Back Hydraulic Maintenance.
- : Oil Refining Training, Cairo Oil Refining Company (CORC) (from Jun. till Aug. 2011):
 - Design Pressure Vessels.
 - Design Pumps.
 - Studying the way of refining.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2019 till now
- Employer** : [PowerServ](#) (Power Plants Services Company S.A.E)
- Job title** : Senior Construction Engineer
- Job Description** :
 - Design or coordinate design solar PV system, including system components for residential and commercial buildings.
 - Create electrical single-line diagrams for solar electrical connections using computer-aided design (CAD) software.
 - Construction of two stations of power 80 KWh & 25 KWh for West Delta Electricity Production Company at Glim & Kirir (Alexandria).

- Dates** : From Aug. 2018 till May 2019
- Employer** : MEGA Company for Mechanical & Industrial Projects
- Project** : West Cairo Project 1x650MW Supercritical Power Plant
- Job title** : Planning & Technical Engineer
- Job Description** :
 - Schedule, plan and oversee the entire program of work.
 - Plan, organize and coordinate planning activities.
 - Select the most appropriate techniques and logical sequence of activities to complete project scope.
 - Input the work breakdown structure information in means to assess. an accurate forecast on time, resources and cash flow of the project.
 - Determine appropriate logistics solution in managing resources.
 - Set up alerts for all important contractual and milestone dates.
 - Prepare cash flow, charts and histograms on planning projects.
 - Verify critical path and interfaces between design / engineering / procurement / execution.
 - Monitor progress periodically and compares it with the baseline planning.
 - Update the schedule based on inputs received from project team.
 - Prepare the monthly Progress reports.
 - Prepare the monthly Labor histograms.
 - Accumulate, collect and analyse data and information required for planning.

- Deputy Technical Office Manager, Quantity Survey, Material Planning & Control (MRP), Procurement, Lifting Plan (about 150 Lifting Plans).

Dates : From Oct. 2016 till Aug. 2018

Employer : Misr Company for Mechanical & Electrical Projects (Kahromika)

Project : South Helwan Project 3x650MW Supercritical Power Plant

Job title : Technical & Planning Engineer

Job Description :

- Schedule, plan and oversee the entire program of work.
- Plan, organize and coordinate planning activities.
- Select the most appropriate techniques and logical sequence of activities to complete project scope.
- Input the work breakdown structure information in means to assess. an accurate forecast on time, resources and cash flow of the project.
- Determine appropriate logistics solution in managing resources.
- Set up alerts for all important contractual and milestone dates.
- Prepare cash flow, charts and histograms on planning projects.
- Verify critical path and interfaces between design / engineering / procurement / execution.
- Monitor progress periodically and compares it with the baseline planning.
- Update the schedule based on inputs received from project team.
- Prepare the monthly Progress reports.
- Prepare the monthly Labor histograms.
- Accumulate, collect and analyse data and information required for planning.
- Deputy Technical Office Manager, Quantity Survey, Material Planning & Control (MRP), Procurement, Lifting Plan (about 150 Lifting Plans).

Dates : From Sep. 2015 till Oct. 2016

Employer : Alsalsabeel Company (Egypt)

Projects :

- 25 KW solar pumping system in Sohag, Qena and Alexandria
- 20 KW solar pumping system in El-Menya and Alexandria
- 15 KW solar pumping system in Sohag and El-Menya
- 5 KW solar off-grid system for residential building in El-Menya and Al-Behera
- 3 KW solar off-grid system for farm in Sohag and technical office in Ramses
- 2500 Liter solar heating system for residential building in Taba
- 300 Liter solar heating system for residential building in Cairo
- 1500 Liter solar heating system for residential building in Hurghada
- Design 25 KW, 20 KW, 15 KW Solar pumps and install Solar Energy Systems (Off Grid - On Grid - Solar Pumping) using PV System Program

Job title : Solar Energy Engineer

Job Description :

- Design or coordinate design solar PV system, including system components for residential and commercial buildings.
- Create electrical single-line diagrams for solar electrical connections using computer-aided design (CAD) software.
- Perform computer simulation of solar PV system performance or energy production using PVsyst to optimize efficiency.
- Provide technical support for installation team during installation, start-

- up, testing, system commissioning, and performance monitoring.
- Design, fabricate and install solar heating systems for residential and commercial buildings.
 - Design, install solar pumping systems for irrigation purposes.
 - Perform thermal, stress, or cost reduction analyses for solar systems.
 - Test or evaluate photovoltaic (PV) cells or modules.
 - O&M for solar PV systems to ensure the high performance and efficiency.
 - Design and install Solar Energy Systems (Off Grid - Solar Pumping - Solar Heaters).
 - Design, fabricate and install the steel works.
 - Survey the working site and define needs and provide a site report for purchasing team to prepare the technical offer.