

Holds a B. Sc. in Communication & Electronics Engineering and has over 14 years hands-on experience working in I&C field.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 12/01/1985  
Gender : Male  
Marital Status : Married  
Residence : Suez

## EDUCATION

: B. Sc. in Communication & Electronics Engineering, Modern Academy for Engineering and Technology, 2006

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Attended a training program in H2S/BA in ENERTECH QATAR.
- : Attended a training program in OV200 Building and Maintaining OVATION CONTROL COURSE, EMERSON FZE Head Quarters, DUBAI, UAE (Apr. 2013).
- : Attended a training program in OV210 Building OVATION GRAPHIC COURSE, EMERSON FZE Head Quarters, DUBAI, UAE (Apr. 2013).
- : Attended a training program in OV230 OVATION SYSTEM ADMINISTRATION COURSE, EMERSON FZE Head Quarters, DUBAI, UAE (Apr. 2013).
- : Attended a training program in OV300 OVATION TROUBLESHOOTING COURSE, EMERSON FZE Head Quarters, DUBAI, UAE (Apr. 2013).
- : Attended a training program in Let's talk English in Fayd Training Center.
- : Attended a training program in Time and Authorization Management.
- : Attended a training program in MPIS in Ataka Power Station.
- : Attended a training program in PLC S7-200 and SCADA CONTROL in Expertise of Egyptian/Swedish.

- : Attended a training program in Relay control in Fayd Training Center.
- : Attended a training program in Instruments & Control in Ataka Power Station.
- : Attended a training program in Protection in Ataka Power Station.
- : Attended a training program in Introduction in Steam Power Station Operation.
- : Boilers – Turbine – Auxiliaries in Ataka Power Station.
- : Attended a training program in Water Treatment in Ataka Power Station.
- : Attended a training program in Environment in Ataka Power Station.
- : Attended a training program in safety in Ataka Power Station.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Sep. 2020 till Mar. 2021  
**Employer** : PESCO Co.  
**Project** : ADEN, YEMEN  
**Job Description** : Fire Alarm Commissioning Engineer for Power Plant 250MW Construction and Commissioning of Fire Protection System including FM200.

**Dates** : From Jan. 2020 till Sep. 2020  
**Employer** : SONKER, Egypt  
**Job title** : Sr. System Engineer  
**Job Description** :

- Participate in Start-up (DCS/ESD Invensys IA / Invensys Triconix).
- Commissioning.
- Performed SAT activities for RTUs (Invensys Trident).
- Troubleshooting and Controlling Plant through Invensys DCS.
- Installation, Maintenance, repairs and replaces defective Parts.

**Dates** : From Dec. 2018 till Jan. 2020  
**Project** : Suez Power Station, one unit 650MW  
**Job title** : Senior I&C Maintenance Engineer for Turbine and Boiler (Foxboro Invensys for BPS and BMS & ALSPA Series 6 Control for Turbine)

**Employer** : TÜV Rheinland, Egypt (part time)  
**Job Description** :

- Participating in FAT test of ICSS (DCS/ESD/FGS) panels, software, hardware, cyber security, and explosion proof panel inspection in Schneider Electric systems.
- Participating in FAT test of Yokogawa (DCS/SIS) System & Marshaling Cabinets, software in Yokogawa Bahrain.

**Dates** : From Nov. 2017 till Dec. 2018  
**Employer** : GS for E&C at Egyptian Refinery Co.  
**Job title** : System Engineer  
**Job Description** : Loop test & Function test for all instrumentation and valves by using control system DCS HONEYWELL EXPERION, ESD & BMS HIMA SYSTEM, PLC ALLEN BRADLEY and start-up refinery.

**Employer** : DNV-GL QATAR BRANCH AT QAPCO (part time)  
**Job title** : I&C Commissioning Engineer for GE Gas turbine (MS5001)  
**Job Description** :

- Coordinate Inspection and monitor the execution and progress of the project with respect to I&C commissioning activities.
- Loop check for all instruments like (pressure, level, flow, temperature) and analytical process like (CEMS).
- Planning and Execution of control and instrumentation commissioning activities.
- Supervision of pre-commissioning (cold test) and hot commissioning for all I&C system.

**Dates** : From Feb. 2008 till Nov. 2017

**Employer** : East Delta Electricity Production Co.

**Project** : Ataka Power Station

**Job title** : I&C Engineer

**Job Description** :

- Deal with (DCS) Distributed Control System server.
- Deal with PLC (Siemens simatic S7, 300) in water treatment unit.
- Calibration, installation and commissioning of field Instruments like Pressure Switches, Solenoid valves, Level Switches, DP Transmitters, Speed Switches, RTD's, Thermocouples, Level Sensors and Instrumentation field Equipments like Variable Frequency Drive, Pneumatic control valves and Turbine (gas and steam) Monitoring instruments like vibration sensors, speed sensors and shaft expansion sensors.
- Maintenance and calibration of different analyzers: Conductivity, PH, O2, CO, GAS Chromatography.
- Designing, Implementing and Commissioning of new control loops as per site requirements.
- Familiar with engineering standards ISA, IEEE, ASTM, ASMI, ANSI, IEC.
- Participation in the Rehabilitation of the Air Preheaters for 2 units of 150MW per unit. Have been Installed all Devices (Temperature Transmitters, Speed Sensors, Fire Detections, Inverters for motors) and connected all devices to DCS and Designed all the new control circuits.
- Support the Section Manager and the reliability Center in the planning and execution of major repairs.

**Dates** : From Nov. 2016 till Jan. 2017

**Employer** : EPROM Company for maintenance and operation at Khalda Petroleum Company

**Job Description** : Worked in E&I data collection and implementation of ORACLE enterprise asset management module (EAM), natural gas process and oil process.

**Dates** : From Mar. 2016 till Nov. 2016

**Employer** : Eram Company for construction

**Job title** : E&I Construction Manager in Burullus Power Plant 4800MW Combined Cycle

- Employer** : TÜV Rheinland Gulf L.L.C (Member of TÜV Rheinland Group) (part time)
- Job Description** :
- Participate in QRA study for FSP (Fahahil Stripping Plant) disciple to Qatar Petroleum.
  - Technical Survey for custody Gas metering skid and Flare HP & LP gas metering skid (Ultrasonic Flow meters for Gas & Liquids, Coriolis Mass Flow meter, H2S analyzers, Density meter, auto sampling system).
  - Technical Survey for F&G system and check on Flame Detectors, TOXIC GAS Detectors, Flammable GAS Detectors, Smoke Detectors, Heat Detectors, Call point, CCTV.
  - Technical Survey for ESD (EMERGENCY SHUTDOWN SYSTEM).
  - Technical Survey for UPS and Emergency Lighting system.
- Dates** : From Feb. 2007 till Dec. 2007
- Employer** : Dynamic Company for Maintenance OIL AND GAS Companies
- Job title** : I&C Engineer
- Job Description** :
- Configuring and faults diagnosis of DCS, PLC, Profibus Communication, Analyzers and Control Loops.
  - Troubleshooting of problems with Valves such as: motorized, Electro/Pneumatic, Electro/Hydraulic Valves.
  - Hardware Electronic Cards maintenance.
  - Calibration, installation and commissioning of field Instruments like Pressure Switches, Solenoid valves, Level Switches, DP Transmitters, Speed Switches, RTD's, Thermocouples, Analytical process.