

Holds a B. Sc. in Electronics Engineering and has about 16 years hands-on experience working as I&C Engineer at several projects.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 13/02/1983
Gender : Male
Marital Status : Married
Residence : Fayoum

EDUCATION

: B. Sc. in Electronics Engineering, Menoufia University, 2005

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2006

TRAINING COURSES AND CERTIFICATIONS

: Training in Cairo North Power Station for Alstom steam turbine (software and field) by German expert of Alstom (2 weeks in Jun. 2008).
: Training in Fayoum General Central.
: Training in Television & Radio Union.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2021 till Apr. 2022
Employer : [EGYPTROL](http://www.egyptrol.com)
Project : LAYYAH POWER PLANT – SEWA - UAE
Job title : Instrumentation Engineer
Job Description :

- Loop & function check for all instruments during commissioning and start-up test for Mitsubishi Gas turbine unit (M701F) 350MW per unit.
- Control system for GT: DAYA SYSTEM NETEMATION.
- DCS system: Emerson - Ovation.

- PLC (Allen-Bradley, Siemens S7-400) for Gas Compressors and GRMS and Coordinate with PLC & DCS For Modbus communication.

Dates : From Mar. 2020 till Nov. 2020
Employer : PESCO
Project : ADEN POWER PLANT – PHASE #1 - Yemen
Job title : Instrumentation Engineer
Job Description :

- Installation & Testing of Fire Alarm Field Devices. Interpreting and checking layouts for the fire alarm systems, Installing and monitoring devices, Responsible for checking fire alarms equipment's by Flowing approved commissioning procedures during test like deluge valves and detectors, FM 200, firefighting pumps and all related systems needs firefighting.
- And calibration, loop check for all instruments during commissioning and start up test for two GE Gas turbine unit (GE-9E).

Dates : From Jul. 2017 till Feb. 2020
Employer : GS ENGINEERING & CONSTRUCTION
Project : ERC REFINERY PROJECT in MOSTOROD
Job Description :

- Instrument & Control System Engineer for all instruments types (Vibration, Pressure, Flow, Level, all types of thermocouples and RTD and valves as pneumatic (control and shut off) – Motorized valves ...) loop check and maintenance.
- Control systems: DCS (HONYWELL Experion PKS), ESD (HIMA SilWorx) and PLC (ALLEN BRADLEY and SIEMENS).

Dates : From Feb. 2017 till Apr. 2017
Employer : Electro Tharwat Company
Project : WEST DAMIETTA POWER PROJECT PHASE II
Job Description : Four boiler instruments calibration with AC BOILERS Company.

Dates : From Aug. 2016 till Feb. 2017
Employer : EPROM
Projects : TAREK Gas Plant and ABU GHARADIG Gas Plant in West Desert
Job Description :

- Instrument Planning Engineer for all instruments types in plant.
- Control system: DCS (HONYWELL and ABB).

Dates : From Jul. 2015 till Jul. 2016
Employer : Enppi
 (ENGINEERING FOR THE PETROLEUM AND PROCESS INDUSTRIES)
Project : Ethylene Plant (EEP2) in Alexandria
Job Description :

- Instrument & Control System Engineer for all instruments types (Vibration, Pressure, Flow, Level, all types of thermocouples and RTD and valves as pneumatic (control and shut off) – Motorized valves ...) loop test, function test and maintenance.
- Control systems: DCS (HONYWELL), SIS (INVENSYS) and PLC (ALLEN BRADLEY and SIEMENS).

Dates : From Dec. 2010 till Jul. 2015
Employer : [EGYPTROL](http://www.egyptrol.com)
Job Description :

- El-Atf Power Station (Apr./May 2011):
 - Calibration of Boiler instruments with TOSHIBA Co.
- Abu Qir Power Station (from Nov. 2011 till Feb. 2012):
 - Calibration of water treatment instruments with TERMOCHEMIC Co.
- Ain Sokhna Power Station (from Jul. 2012 till May 2013):
 - Two boiler instruments calibration with DOOSAN Co.
- West Damietta Simple Cycle Power Plant 500MW (4x125MW) Gas Turbine Project (GE Energy):
 - Four gas turbine (GE) instruments calibration and commissioning with Electro Tharwat Company.

Dates : From Oct. 2009 till Dec. 2010
Employer : Ministry of Justice
Job title : Engineering Expert

Dates : From Mar. 2008 till Oct. 2009
Project : Cairo North Combined Cycle Power Station (750MW):
2 Gas turbines (Mitsubishi), 1 Steam Turbine (Hitachi), 2 HRSG (NEM) & DCS System (FOXBORO)
Job title : Instruments & Control Engineer
Job Description :

- Upgrade the system network architecture after replacing the DNBT modules by 2 NCNI, 2 Network switches and 5 RCNI modules.
- Upgrade the system software from Foxboro I/A Series V6.5 to I/A series V7.1.4 with all its associated software (Fox View, Fox Draw, Fox CAE, System Definition, etc.).
- Installation for the new workstations from scratch, configuration for all the system software (Fox View, Fox Draw, Alarm Manager, SOE, AIM Historian).
- Note: Attendance and participate in the installations and start-up of the plant (DCS control system, fixing, connecting & calibrating electronic transmitters (Pressure, Temp., Level, Flow, ...)).

Dates : From Jul. 2006 till Mar. 2008
Employer : El-Nasr Co. for Intermediate Chemicals (NCIC), belongs to Ministry of Defense, in Fayoum branch
Projects :

- Aluminum Sulfate Plant
- Sulfuric Acid Plant
- Turbine Generator with 7.5MW

Job title : Instruments Engineer
Job Description : Attendance and participate in the installations and start-up of the plant power, DCS control system, fixing, connecting & calibrating electronic transmitters (Pressure, Temp., Level, Flow).