

Holds a B. Sc. in Communication Engineering and has about 14 years hands-on experience working in automation field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/02/1983
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Communication Engineering, Alexandria University, 2005

LANGUAGES

Arabic : Native Language
English : Fluent
Italian : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Successfully completed the training course: on-site I&C Maintenance Engineers Harmony base-composer & PGP Configuration in SIDI KRIR, Egypt (from Jan. till Mar. 2012).
: Attended PLC step 7 (Jan. 2007).
: Allen Bradley.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2008 till now
Employer : West Delta Electricity Production Company
Job Description :

- Boiler: 2 units (300 kg/sec # 170 bar # 540 °C steam).
- Auxiliary boiler: 45 t/h 15 bar 300 °C.
- Turbine: (2x320MW # three stage).
- Desalination: 2 units (multi stage flash desalination 2 x 5000 t/day) &

pump capacity 2000 m³/h & working pressure 3.5 bar).

- Water treatment:
 - Demi.
 - Hypo chloride.
 - Polisher.
 - Waste.
- Gas reduction station.
- Reboiler.
- Soot blower.
- Vibration system: Bentley Nevada 3300.
- HMI and Engineering system upgrade project with ABB stuff which includes removing the old HMI Alpha station consoles and installing new PGP servers, Modifying control logic documents, and Database
- Upgrading Steam coil air Heater Drain which includes removing its control system (step7 200) and reconnecting its field sensors to DCS infi 90 cabinets, Creating new Control logic documents and Graphics.
- Upgrading Air pre-heaters which includes removing its old control system Allen Bradley PLC5 and creating new control logic documents, Graphics and new Database.

Dates : For 18 months

Employer : Kharafi National, Kuwait

Projects :

- 6x150MW El-Shoiba Power Plant Station
- 16 Desalination units Al-Zour Power Plant Station

Dates : For 6 months

Employer : ABB

Project : Upgrading Damanhour Power Plant
(320MW and its control system is ABB Infi 90)

Dates : For 3 months

Employer : Petrojet subcontractor in Accurate Company

Project : Project Maximization of C2, C3 at western desert gas complex (construction, function test, commissioning)

Dates : For 3 months

Employer : JV Company (ENPI from EGYPT and TOYO from JAPAN)

Project : ETHYDCO POLYETHELENE PROJECT for polyethylene material production

Dates : For 4 months

Employer : ALEX SUGAR COMPANY

Job Description :

- Calibration of control valves (Fisher, Siemens, Samson, Neles).
- Calibration of transmitter.
- Function test.
- Commissioning.

- Dates** : For 6 months
- Employer** : GS Engineering & Construction
- Project** : Egyptian Refinery Company Project
- Job title** : System Engineer
- Job Description** :
- Function test.
 - Commissioning.
 - DCS Engineer.
 - ESD Engineer.
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- Field of experience** :
- Automation Engineer.
 - Construction & Commissioning Engineer.
 - System Engineer.
 - Control systems:
 - DCS ABB Bailey infi90.
 - PLC ABB FREELANCE2000.
 - PLC ALLEN BRADLEY PLC5.
 - PLC SIEMENS STEP 7 200.
 - Field instruments:
 - Control and on/off Valves.
 - Transmitter (Endress and Hauser & Rosemount):
 - Flow.
 - Pressure.
 - Differential pressure Level.
 - PH analyzer.
 - Conductivity analyzer.
 - Switches:
 - Flow.
 - Pressure.
 - Level.
 - Limit switch.
 - Temperature Devices:
 - RTD (Pt100).
 - Thermocouple type (J-k).
 - Sump pump:
 - Floating switch.
 - Ultra sonic.