

Holds B. Sc. in Electronics & Communication Engineering and M. Sc. in Electrical and Control Engineering. Has about 10 years of experience in Industrial Electrical, Automation & Instrumentation field, working with different automation systems in different industrial prospective with over 4 years of experience in the Electric Submersible Pumps Industry, building and upgrading Horizontal Pumping systems (HPS) and testing systems for different ESP products.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 03/02/1984  
Gender : Male  
Marital Status : Married  
Residence : Currently KSA

## EDUCATION

: B. Sc. in Electronics & Communication Engineering, Arab Academy for Science and Technology and Maritime Transport – Alexandria, 2007  
: M. Sc. in Electrical and Control Engineering, Arab Academy for Science and Technology and Maritime Transport – Alexandria, 2014  
: High School: El-Nasr Boys School (EBS) – Alexandria, 2002

## LANGUAGES

Arabic : Native Language  
English : Excellent

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD 2D  
: C and MATLAB programming  
: Circuit design software's: Orcad & Electronic Work Bench (EWB)  
: Power and control circuit design software: Automation studio  
: PLC programming (Ladder, FBD, STL)  
: Parallel Port Interfacing  
: Printed Circuit Board (PCB) design: Basic experience designing PCB  
: Programmable Logic Controller (PLC)

## TRAINING COURSES AND CERTIFICATIONS

- : HMI, SCADA & DCS (WinCC flexible, ProTool, WinCC and PCS 7) (Jun. 2010).
- : Advanced Programmable Logic Control (PLC) – Level 2 (Siemens S7-200 (Microwin) and S7-300/400 (Simatic Manager)) (Apr. 2010).
- : Introduction to Automatic Control and Programmable Logic Control (PLC) – Level 1 (PLC Allen-Bradley, LS and Siemens S7-200) (Dec. 2009).
- : UMTS (3<sup>rd</sup> generation mobile, and main shelter configurations) (May 2009).
- : AutoCAD (2D) (Apr. 2009).
- : CCNA (Certified Cisco Network Association) (Jan. 2009).
- : UNIX Sun Solaris 10 Administration 1 (Dec. 2008).
- : UNIX Sun Solaris 9 Fundamentals (May 2008).
- : Summer trainings at:
  - Arab Computers, Maintenance Room (Aug. 2007), Alexandria.
  - Sumed Petroleum, Control Room (PLC programming) (Aug. 2006), Alexandria.
  - Systel Motorola, Mobinil GSM Network (Jul. 2006), Alexandria.
  - Telecom Egypt, Transmission Line (Aug. 2005), Alexandria.
  - Al-Amreya Petroleum, Control Room and Elect. Distribution Station (Jul. 2005), Alexandria.
- : Attended workshops improving my soft skills:
  - Becoming more effective (certified).
  - Delegating effectively (certified).
  - Marketing Management - Level I.
  - Team Building (certified).

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2013 till now
- Employer** : Al Khorayef Petroleum Co. (Manufacturer of Electrical submersible pumps and Horizontal pumping systems), KSA
- Job title** : HPS, Electrical, Automation & Instrumentation Engineer
- Job Description** :
  - Automation Engineer: Trouble shooting, design, testing, commissioning and Site Installation (Including Electrical, VSD, control, instrumentation and PLC programming and commissioning machines control (Mainly working with Schneider PLCs).
  - HPS Engineer: Design and supervise full assembly for Horizontal pumping systems projects.
  - Building new test benches (All Test benches support and maintenance in Khorayef factory and different branches around the world).
  - Verification and in-house calibration of instruments used in different systems (Pressure, torque, Temp.... etc.).
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- Dates** : From Aug. 2011 till Feb. 2013
- Employer** : AL-ROBAYA Holding Company (Authorized contractor for Saudi ARAMCO, SABIC and MA'ADEN), KSA
- Job title** : Electrical Project Engineer

**Job Description** : 

- Aramco Approved Instrumentation QC Engineer for pre-commissioning and installation for all instrumentation materials for the 48" Pipeline 135 km length Pipeline Replacement project.
- Electrical design and commissioning of Al-Robaya site camps.

**Dates** : From Oct. 2009 till Jun. 2011

**Employer** : Deeb Engineering Industries, Alexandria (Certified panel builder for Schneider Electric Egypt)

**Job title** : Electrical & Technical Support Engineer

**Job Description** : 

- Design & Installation for Low Voltage power distribution Electrical panels.
- Preparing Technical and Commercial proposals/quotations.
- Automation Engineer: design, Site Installation, testing, and configuration for Automation Projects.
- PLC programming and machines control (Mainly working with Siemens PLCs).

**Dates** : From Apr. 2009 till Sep. 2009

**Employer** : Dynamic Service Co.

**Job title** : Technical Sales Engineer

**Job Description** : 

- Sales Engineer for AC variable speed drives, industrial sensors (photocells, proximity sensors, pressure sensors) and industrial power supplies.
- Providing technical support for all products.
- Site Engineer (Air Liquide) installing cables, cable trays and electrical panels (1 month).

**Dates** : From Dec. 2007 till Dec. 2008

**Employer** : College of Air Defence, Alexandria

**Project** : Military Service

**Job title** : Teacher Assistant

**Specialties:**

Electrical, Industrial Automation, Instrumentation, PLC programming, Horizontal Pumping systems, ESP testing systems, Integrated Projects.