

Holds a B. Sc. in Electrical Communication Engineering and has over 20 years experience working in I&C / E&I field.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 20/03/1974  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Electrical Communication Engineering, Menoufia University, 2000

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

- : S7 – 300 Siemens PLC (Version 317) Soft- & Hardware.
- : Win CC Siemens SCADA system Design & configuration / Win CC flexible Siemens "HMI Design & Configuration".
- : S7 – 317 Siemens PLC Digital, Analog signals Hardware Requirements Design and Implementation.
- : S7 – 317 Siemens PLC Software Design & Hardware maintenance.
- : SIMOPS Training, Risk Assessment Awareness, Hydrogen Sulfide (H2S) Training & PA (Performing Authority).

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Sep. 2017 till Jun. 2019  
**Employer** : PETOBEL / ENI  
**Project** : Zohr Field, Port Said  
**Job title** : E&I Lead Engineer – Management & Consultancy Group

**Dates** : From Feb. 2017 till Aug. 2017  
**Employer** : KINETICS TECHNOLOGY (KT)  
**Project** : Multipurpose Applications by Thermodynamic Solar (MATS), Borg El-Arab – Alexandria  
**Job title** : E&I Lead Engineer – Main Contractor

**Dates** : From Aug. 2014 till Sep. 2016  
**Employer** : ROYAL for PETROLEUM SERVICES & ENERGY (RPSE) / IPMI  
**Project** : South Pars Gas Field Development - Phase 17 & 18, Assaluyeh – Iran (National Iranian Oil Company On-shore Gas Treatment and Sulphur Recovery Plant)  
**Job title** : I&C System Lead Engineer – Management & Consultancy Group

**Dates** : From Aug. 2012 till Aug. 2014  
**Employer** : MADAR GROUP EGYPT  
**Project** : Sulphonic & Texapon Factory, Borg El-Arab – Alexandria  
**Job title** : E&I Maintenance Team Leader - Owner

**Dates** : From Feb. 2011 till Jul. 2012  
**Employer** : ENPPI  
**Project** : Rehabilitation, Brown field (Gupco offshore plants) - Shouker, Red Sea  
**Job title** : E&I Control System Engineer – Main Contractor

**Dates** : From Aug. 2010 till Jan. 2011  
**Employer** : UNITED ENGINEERING  
**Project** : VII Compression Gas Plant - Burullus, Edco, Egypt  
**Job title** : E&I Construction Manager - Subcontractor

**Dates** : From Nov. 2008 till Jun. 2010  
**Employer** : ENPPI  
**Project** : Qasr / Salam 24" P/ L & Associated Facilities - Khalda, East Dessert, Egypt  
**Job title** : E&I Control System Engineer – Main Contractor

**Dates** : From Apr. 2007 till Sep. 2008  
**Employer** : Consolidated Contractors International Company (CCIC)  
**Project** : (KGP) Khursaniyah Gas Plant – KSA  
**Job title** : E&I Engineer (EPCC) – Main Contractor

**Dates** : From Apr. 2006 till Apr. 2007  
**Employer** : UHDE  
**Project** : Urea / Ammonia Project (Helwan Fert.)  
**Job title** : I&C Engineer - Commissioning – Main Contractor

**Dates** : From Apr. 2005 till Feb. 2006  
**Employer** : ECS / ABB  
**Project** : Urea / Ammonia Project (Alex. Fert. I)  
**Job title** : I&C System Engineer – Subcontractor

**Dates** : From Oct. 2004 till Feb. 2005  
**Employer** : POWER PLANTS CONTRACTOR (PPC)  
**Project** : Liquefied Natural Gas (LNG), Damietta Port  
**Job title** : Maintenance I&C System Engineer - Subcontractor

**Dates** : From Mar. 2004 till Oct. 2004  
**Employer** : Universal Company for Building Materials & Chemicals, SIPSE  
**Project** : Panting Material Factory – 10<sup>th</sup> of Ramadan  
**Job title** : Maintenance I&C System Engineer - Owner

**Dates** : From Apr. 2001 till Feb. 2004  
**Employer** : TARRADCO / IMTECH  
**Projects** :

- Upgrade Fiscal Gas / Condensate Metering Systems & Analyzer Houses - Amria, Khalda (Alsalam / Tarek), Opayed, Meliha & Bapetco, Egypt
- (MCL) Miser Canada for oil production & blending of lube oil – 10<sup>th</sup> of Ramadan, Egypt

**Job title** : I&C System Engineer - Subcontractor

**Dates** : From Dec. 2000 till Apr. 2001  
**Employer** : AGC  
**Project** : Elantra Field Development Project, Suez  
**Job title** : I&C System Engineer - Subcontractor

**Field of experience** :

- Worked in Egypt, Kingdom of Saudi Arabia and Islamic Republic of Iran with intensive professional experience (2000 to present) in Instrumentation, Control & Electrical System Project Management Team as Lead Engineer / Supervisory level and experienced in the field of Engineering, Installation / Construction, Hook-up / Inspection (PSSR), Pre-Commissioning / Commissioning and Start-up team for various kinds of Plants such as Petrochemical Plant, Oil and Gas Refinery in Offshore / Onshore fields.
- Familiar with the following computer applications: NAVIS 3D Model, Access, AutoCAD and instruments testers: HART Field Communicators, loop calibrator / multimeter, deadweight tester, temperature bath, portable calibration tools. I am able to read and interpret P&ID, instrument loop and logic diagram and Cause & Effect.
- Extensive experience in SCADA, HMI, PLC Soft- & Hardware tasks, Control Systems, Instrumentation in range of FEED, EPC, Commissioning/Start-up and Control systems for oil & gas, onshore – offshore, petrochemicals, LNG, Fertilizers, Chemicals, Sulphonic & Texapon Factories. Experience covers whole project & Factories life cycle.

- Hot & Cold Loop Check ESD & F&G Functional logic and C&E, DCS/Packages interface.
- Familiar with the following companies and international standards: API, ISA, DIN & ARAMCO.
- Software literate for; MS Office (whole suite) 2003, 2007, 2010, 2012n, MS Project, Intergraph in Tools, Total I CAPS & Work Pack (Integrated Commissioning and Progress System) with UHDE & BP (British Petroleum).
- Worked as E&I Construction Site Manager - Construction professional engineer - QA/QC E&I engineer - E&I maintenance Team Leader - Engineering of instrumentation section & Mechanical Commissioning Engineer of Instrumentation Tasks.
- Preparing & Making Bentley Nevada testing loops.
- Linearity Checking the, Installation the axial & radial and speed probes on Compressors & turbines.
- Pre-commissioning & commissioning of Bentley Nevada and start-up activities.
- Calibration & Maintenance of the most varied Instruments: Such as PH – Dew Point analyzers, Single & Double acting on-off valves, Diaphragm & Spring & Pistons control valves related to PID face plate, Coriolis & Magnetic & Vortex flow meter,  $\Delta P$  Flow transmitters linear & square root, Ultrasonic & Diaphragm & Capillary tube level transmitters, Temperature transmitters with different types of thermocouple & RTD 2, 3, 4 wires sensors, All Pressure & Differential pressure indicators & transmitters, N.O & N.C contacts which Related to P – F – T – L – V switches. Additional Calibration for the following: Mettler Toledo Balances (Lynx batch-ID3S-Panther-Spider 3S Up to 20 ton), Precision Digital System (Strain Gauge- Process Meter-Flow meter), CAS Balances (Daewoo-Dolphin 5,25,50 kg), Rice Lake Weighing System (IQ+33-2B) Static, Sole Agent Balances 50 kg & ORMA Balances (1000 g, 3500 g).
- Familiar of P&ID, Process Hook up, Plot Plane, pneumatic Hook up and instrument list.
- An instrument supports fabrication & erection.
- Instruments Installation & Impulse Installation & Air Systems.
- Control Rooms: Panels Installation, Cable laying, Connections, Meggering & testing.
- Electrical / Telecommunication Works:
  - Installation of RMUs with their ancillaries of different types of cameras – Installation of field lighting, lightening & earthing systems
  - Installation of process Motor systems with their LCSs – Installation of LV/MV switchgear panels with cables laying & connection.
  - Field installation of PAGA, CCTV & Telephone systems.
- Fire & Gas Systems activities: Open Path gas detectors, Spot type gas detectors Flame Scanners & detectors, H<sub>2</sub>S detectors, Manual call points, Strobe light elements, Speakers, Heat & Smoke detectors (Preparation the suitable sports for each device via sketches & locate each device on their supports according to the arrangement layout).