

Holds a B. Sc. in Electrical Communication Engineering and has over 25 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 Feb. 2024 till Jan. 2026
Employer : TECNIMONT
Project : XLPE, BROUGE 4 – Abu Dhabi, UAE
Job title : I&C Site Engineer

Dates	:	From Jan. 2023 till Jan. 2024
Employer	:	TUV Nord Egypt / ANOPEC
Project	:	Assiut Hydrocracking Company
Job title	:	I&C QC Engineer – PMC

Dates	:	From Jun. 2021 till Dec. 2022
Employer	:	Staff Arabia / Technip
Project	:	Midor Refinery Expansion, Alexandria
Job title	:	Instrumentation PCC Supervisor – Main Contractor

Dates	:	From Jan. 2020 till Mar. 2021
Employer	:	CSI
Project	:	Company Main Office / Yard, Alexandria
Job title	:	Calibration Laboratory Engineer – Subcontractor

Dates	:	From Sep. 2017 till Jun. 2019
Employer	:	PETOBEL / ENI
Project	:	Zohr Field, Port Said
Job title	:	E&I Site Engineer – PMC

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. 2013 till Sep. 2016
Employer	:	MADAR GROUP EGYPT
Project	:	Sulphonic & Texapon Factory, Borg El-Arab – Alexandria
Job title	:	E&I Maintenance Engineer – PMC

Dates	:	From Feb. 2011 till Jul. 2013
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 – 10th of Ramadan
Job title : Maintenance I&C System Engineer – PMC

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 – 10th of Ramadan, Egypt

Job title : Instrumentation PCC 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, KSA, IRAN & UAE 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, 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 as PMC, Owner representative, Main contractor & Subcontractor.

- 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 an engineer - QA/QC E&I an engineer - E&I Maintenance Team Leader - Engineering of instrumentation section & Mechanical Compellation 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, ΔP 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, H₂S 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).