

Holds a B. Sc. in Electronics & Communications Engineering and has over 21 years hands-on experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 11/11/1972
Gender : Male
Residence : Maadi, Cairo

EDUCATION

: B. Sc. in Electronics & Communications Engineering, Assiut University, 1995

LANGUAGES

Arabic : Native Language
English : Excellent
French : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Six Sigma Green Belt Online Training, GreyCampus (2017).
- : Planning & Cost Control Professional using Primavera 6 (PCCP), Cairo, Egypt (2017).
- : Project Management Professional (PMP) ® certification holder (#1750704) and member of Project Management Institute (PMI) ® (PA, USA) (#2488163) (Sep. 2014).
- : Bentley Performance (Level 1), GE, Abu Dhabi, UAE (2011).
- : Optimization and Controls Basics, GE, Bahrain (2010).
- : System1 Software (Level 1), GE, Bahrain (2010).
- : CCNA (Cisco Certified Networking Associate) (2006).
- : ALSTOM ALSPA 8000 P320 DCS (Operation and Maintenance) (2002).
- : SIEMENS PLC S5, S7-3xx, S7-4xx Control Systems (2002).
- : Toshiba Steam Turbine and Generator, EEOC Suez Gulf Power Plant (2002).
- : KSB pump-sets, EEOC Suez Gulf Power Plant (2002).

- : DCS Control Systems (level 2) (2000).
- : Digital Electronics (1997).
- : English: (TOEFL® iBT score 92) (GMAT®: Total: 610, Q.42, V.32, IR.6).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Feb. 2010 till Aug. 2012
- Employer** : General Electric (GE ENERGY) – Optimization & Controls, Abu Dhabi, UAE, Bentley Nevada Services
- Job title** : Systems & Instrumentation Engineer (Contractor)
- Job Description** :
- Installing, configuring, commissioning and troubleshooting of Bentley Nevada Systems (3300, 3500, Trendmaster DSM, 1900/65A, etc.), field sensors and signals.
 - Syestem1 software installation, configuration, optimization, and upgrade.
 - Communication Protocols (MODBUS, OPC and RS-232, RS-422 and RS-485).
 - Factory Acceptance Tests (FAT) and Integrated FAT (IFAT).
 - Knowledge of Bentley Performance.
 - Assure the job is executed according to the project's schedule and specifications.
 - Take the necessary actions to eliminate any problems for project successful completion.

- Dates** : From Mar. 2008 till Oct. 2008
- Employer** : BEMCO International Offshore (BIO), Beirut – Lebanon
- Project** : Qurayyah Project
- Job title** : Senior I&C Engineer
- Job Description** :
- Technical queries/clarifications during bid stage and after award stage.
 - BOM calculations (Fiber Optic Cables, Field Instruments, I&C bulk material, etc.).
 - Conduct design review meetings with Client and Vendors.
 - Technical evaluation of Vendor's offers in I&C/DCS scope.
 - Review engineering documents and generate reports and comments.
 - Review and prepare technical submittals of vendors and issue them to client.
 - Liaise with the procurement department to procure I&C equipment.

- Dates** : From Feb. 2007 till Mar. 2008
- Employer** : PGESCO (Power Generation Engineering and Services Company)
- Project** : Talkha 750MW Combined Cycle Power Plant
- Job title** : Senior Start-up I&C / DCS Engineer
- Job Description** :
- Conduct co-ordination meetings to follow-up project progress and ensure its conformance with contract time schedules and prepare and facilitate site activities.
 - Verify that plant instruments and equipment are in compliance with project contract and specification requirements, and are set up and tested per the supplier's requirements.

- Check installation and construction works to ensure conformance with contract specifications, and international/local codes and standards.
- Witness commissioning and start-up tests procedures (Calibration, loop check, and functional tests) to record and report any deviations, generate punch lists, and suggest corrective actions.

Dates : From Mar. 2003 till Feb. 2007
Employer : Egyptian Electricity Holding Company
Project : Assiut Thermal Power Plant (2x300MW)
Job title : Senior I&C Engineer
Job Description :

- Co-ordination meetings / Prepare for maintenance schedule and priorities.
- Generate work permits / Isolate equipment / Supervise maintenance activities.
- Check and approve spare parts.
- Prepare for overhaul schedules and document and report the progress.

Dates : From Mar. 2002 till Mar. 2003
Employer : EDF EOC (French Boot Project)
Project : Suez Gulf Power Plant (2x300MW)
Job title : Senior I&C Engineer
Job Description :

- Check Instruments/equipment installation, and spare parts.
- Review supplier's documents, design drawings and datasheets.
- Pre-commissioning / Commissioning / installation supervision.
- PLC/DCS installation, configuration and commissioning.

Dates : From Sep. 1997 till Mar. 2002
Employer : Egyptian Electricity Holding Company
Project : Assiut Thermal Power Plant (2x300MW)
Job title : I&C Engineer
Job Description :

- Maintenance and calibration of field instruments.
- Check spare parts compliance with data sheets specifications and report the comments.

Dates : From Apr. 1997 till Sep. 1997
Employer : Blue Max Computer for Advanced Technology
Job title : PC Maintenance Engineer
Job Description : Assembly and maintenance of PC's and related hardware equipment.

Dates : From Jan. 1996 till Mar. 1997
Employer : Egyptian Armed Forces
Job Description : Maintenance of electronic equipment.

Field of experience :

- Achievements:
 - GASCO Habshan-5 Process Plant Project, Habshan, UAE.
 - TAKREER Green Diesel Project, Ruwais, UAE.
 - Polyolefins Unit and Product Handling, Borouge 2 Project, Ruwais,

- UAE.
- FAT (Factory Acceptance Test) and IFAT (Integrated FAT) for other projects.
- Qurayyah (Saudi Electricity Co.) Simple Cycle 15x125MW Project (Engineering), Beirut, Lebanon.
- Talkha Power Plant, 750MW Combined Cycle Project, Talkha, Egypt.
- Suez Gulf Power Plant (BOOT Project), 2x300MW Project, Suez, Egypt.
- Assiut Thermal Power Plant, Unit II 300MW Project, Assiut, Egypt.
- Project Management Skills:
 - Ensure that project is delivered in accordance with the requirements and assumptions and within scope, time, cost, and quality constraints.
 - Ensure that changes are handled according to change management plan to best balance the project competing demands.
 - Conduct design review meetings to ensure that high-level requirements are more specific and detailed.
 - Develop the schedule for site activities.
 - Measure project performance and interpret the same in project performance reports.
 - Manage resource allocation by ensuring that appropriate resources and tools are assigned to the tasks according to the project plan.
 - Implement quality, communications, and risk management plans.
 - Determine variances and deviations from management plan and take appropriate actions to bring the project back on track.
 - Maintain standards of safety and comply with Company's Health and Safety policy.
 - Commitment to the code of ethics and professional conduct.
 - Microsoft Project Professional 2013.
- Technical Skills:
 - PLC and DCS installation, configuration, commissioning, troubleshooting, and maintenance.
 - Condition Monitoring Systems: (3300 Racks / 3500 Racks / 1900/65A / Trendmaster DSM / System1 Software).
 - Pre-commissioning, installation supervision and commissioning of control systems and instrumentation.
 - Programming and modification of control systems' logic functions.
 - Industrial communications.
 - Maintenance and calibration of field instruments and tuning of PID controllers.
 - Knowledge of international codes and standards.
 - PLC Systems: SIEMENS S5 95 (STEP5 software) / SIEMENS S7-300 / SIEMENS S7-400 / STEP7 & PLCSIM V5.3+SP1 software.
 - DCS Systems: BAILEY: INFI 90 / ALSTOM: ALSPA 8000 P320 / EMERSON: OVATION V2.4.1.
- Additional Skills:
 - Microcontrollers Programming (Microchip PIC microcontrollers).
 - Digital circuits design / Control Algorithms.
 - PC Hardware maintenance and Interface (Serial RS-232/Parallel ports).

- Programming Languages: C / Assembly / PIC Microcontroller
Assembly / HTML.