

100451-CSX-8CDGS-E-2008
Senior Technical Project Engineer

Holds a B. Sc. in Industrial Electronics & Automatic Control Engineering and has about 8 years hands-on experience working as Automation Engineer / Project Manager.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/04/1986
Gender : Male
Marital Status : Single
Residence : Fifth Settlement, New Cairo

EDUCATION

: B. Sc. in Industrial Electronics & Automatic Control Engineering, Menoufia University, 2008

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD, MS Visio

TRAINING COURSES AND CERTIFICATIONS

: PlantStruxure Process Expert System (PES) Course in Schneider Electric (Prague) (Aug. 2015).
: PMP preparation course in New Horizons (Oct./Nov. 2012).
: Sea Survivor Course in Maritime Safety Institute (Jan. 2010).
: AutoCAD (2D) course from Compu-Systems Egypt (Jul./Aug. 2008).
: PLC course in ABB type from Compu-Systems Company (Aug. 2008).
: Operational on-job training, Schlumberger Logelco Well Services (Cementing) (Jul. 2007).
: PLC (Programmable Logic Controller) advanced course in LG type certificate from Jelecom A.D. Panasonic (Aug./Sep. 2006).
: English courses at American University (Cairo).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2014 till now
Employer : Schneider Electric Egypt
Projects :

- Al Yousr phase Sea Water RO plant, using Schneider Electric DCS system (PES), Quantum HSBY and Modicon X80 RIOs – Egypt
- Borotou Irrigation Pumping station, using Vijeo Citect SCADA, M340 PLC and Trio Radio – Ivory Coast

Job title : Senior Technical Project Engineer
Job Description : Tendering and Execution for Process Automation Projects:

- Tendering Scope:
 - Study project technical specifications and documentations, contact the customers for any clarifications or inquiries.
 - Provide system architecture design, technical proposal and commercial offers for SCADA/PLC, DCS & instrumentations according to the project specifications.
- Execution Scope:
 - PLC/SCADA Projects, using Unity-Pro and Vijeo Citect software, Modicon M340, M580 & Quantum PLCs.
 - DCS Projects, using PlantStruxure Process Expert System (PES).
 - Execute FAT and SAT for the projects commissioning and start-up the projects.

Dates : From Nov. 2012 till Oct. 2014
Employer : SysTech (Control System Technology Co. electrical and mechanical)
Projects :

- Elmadinah Elmenoura Waste Water Treatment Plant – Saudi Arabia – Siemens PLC.
- Shaqraa Waste Water Treatment Plant – Saudi Arabia – Schneider PLC.
- Many tenders for water treatment plants, waste water treatment plant and pumping stations.

Job title : Automation Project Manager
Job Description :

- Automation system design and selection based on Schneider (M340, Premium and Quantum) PLCs and Siemens (S7300, S7400, S7400H) PLCs, WonderWare ARCHESTRA System Platform, WonderWare InTouch, Simatic WINCC SCADA systems for water and waste water treatment plants.
- Preparation of technical and commercial tenders.
- Understand, interpret and respond to complex technical specifications & documentation.
- Liaising with component suppliers when necessary.
- Review and manage the customers' enquiry process into a workable solution.
- Submit a detailed response to enquiry documentation and provide answers/responses to any subsequent request for clarification.

Dates : From Mar. 2011 till Nov. 2012
Employer : ICS (Industrial Control System)
Projects :

- 240 villages water treatment stations - Egypt - Beckhoff PLC
- Embaba water treatment plant – Egypt – Siemens PLC

- Tala water treatment plant – Egypt – Siemens PLC
- Job title** : Commissioning & Application Engineer
- Job Description** :
- PLC system design based on Beckhoff CX9000, CX1000 and BX9000 using TWINCAT software and started dealing with Siemens S7300, S71200.
 - Commissioning and start-up of projects in water treatment plants.
 - Responsible of design of wiring diagrams of the control panels, I/O list, riser diagram.
 - Make SCADA (Supervisor Control And Data Acquisition) system using MOVICON and WINCC software and WINCC flexible for HMI (Human Machine Interface).
- Dates** : From May 2010 till Mar. 2011
- Employer** : SUN AUTOMATION Company
- Projects** :
- HVAC system in SANOFI AVENTIS factory, Sterilized Area
 - HVAC system in ART ACADEMY building
- Job title** : Project Engineer
- Job Description** :
- Programming DDC (Direct Digital controller) for BMS system control using TAC VISTA software of Schneider Electric.
 - Design the graphical user interface of the systems allowing users to manage and control systems.
 - Commissioning and start-up the project in the field, and troubleshooting.
 - Dealing with Actuators, dampers, valves, temperature sensors, humidity sensors, differential pressure switches, differential pressure transmitters, flow switch, smoke detectors and air velocity transducer.
 - Knowledge in MCC check problems of it dealing with (VSD) variable speed drive altivar 21, circuit breakers, thermal current overload.
- Dates** : From Jan. 2010 till May 2010
- Employer** : Geokinetics for Geophysical Services
- Job title** : Electronics & Maintenance Engineer
- Job Description** : Installing and maintaining seismic electronic equipment, radio communication and tracking systems.