

101583-CSX-45CDMS-E-2010
Senior Engineer (Application Engineer 3)

Holds a B. Sc. in Electrical Engineering and has over 5 years hands-on experience working in automation field.

PERSONAL DATA

Nationality : Egyptian
Gender : Female
Marital Status : Married

EDUCATION

: B. Sc. in Electrical Engineering, Cairo University, 2010

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: PLC Siemens (Sstep 7- 200 and 300) PLC language (STL, FBD, LAD)

TRAINING COURSES AND CERTIFICATIONS

: Automatic control, Microsoft software and ICDL (Office (Word, Excel, Access, ...)) at Faculty of Engineering, Cairo University.
: WinCC, Ifix, SCADA & HMI course.
: Conversation English at CTC Organization.
: Summer trainings (2006-2009) at:

- Electric South Station Company – Circuits programs.
- Gamsa Petrol Company – electric field.
- Invensys Company – control program.
- Proservice Company – Lighting programs.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2010 till Dec. 2015 & Oct. 2016
Employer : Schneider Electric - Invensys Operation Management, Egypt
Job title : Senior Engineer (Application Engineer 3)
Job Description :

- WPS (Wisconsin Public Services) PROJECT (Application Engineer 1):
 - I/A Control strategies enhancement.

- Logic analysis.
- KCO PROJECT (Application Engineer 1):
 - Implementation of block diagrams.
 - Implementation of C&E.
 - Database implementation.
 - Use Tools Macro and others.
- MOTIVA PROJECT (Application Engineer 1):
 - Test the project by using emulator.
 - Database implementation.
 - Project documentation.
 - Use templates and Narrative PDF.
 - PID.
- Skikda Project (Application Engineer 1):
 - Implementation of block diagrams.
 - Implementation of SOE.
 - Implementation of C&E.
 - Data base.
- Dow South Charleston (MSW) PROJECT (Application Engineer 1):
System migration from MSW Ladder logic based to FBD TS 1131 Ver. 4.6 to function block.
- China Nuclear Fuqing, Hainian and FJS (1E) (Application Engineer 2):
 - Participating in creating software design documents for FQ, HN and FJS.
 - Modifying logic Software requirement specification documents for FQ, HN and FJS.
 - FAT (Factory) Fuqing and Hainan.
- EEPE (Singapore) PROJECT (Application Engineer 3): SCADA - Intouch (dynamic and static).
- BaPetco aSSIL & karam (Egypt) Hardware PROJECT (Application Engineer 3):
 - PLC Hardware Design, SOE and Database.
 - Cabinet Detailed Design and Power required calculation.
 - Built wiring, power distribution and layout DWG.
 - Electrical Power Distribution & Grounding Design.
- EDCO (Dubai) PROJECT (Application Engineer 3): Design SCADA network, Drawing network at Visio and Worked on Intouch SCADA "platform, scripts, Supervisory Control and Data Acquisition" systems.
- Enppi (Egypt) SW PROJECT (Application Engineer 3): Implementation of block diagrams, SOE, Emulator, Data base, PID, case and effect, Diagnostic monitor.
- Egypt October (Senior Engineer):
 - PLC Hardware Design and medium voltage.
 - Cabinet Detailed Design and Power required calculation.
 - Built wiring, power distribution and layout DWG.
 - Electrical Power Distribution & Grounding Design.

- Field of experience :**
- Excellent using MS Office Package: Word, Excel, Power Point (ICDL).
 - Narrative and Formula data base.
 - AutoCAD (2010) and Visio.
 - Factory supports - Calibration, loop checking and trouble shooting of field instruments.
 - All the Engineering Activities in Software programming (Logic

implementation and Logic translation from C&E and narratives into Function block) and Hardware Diagnostics, SOE, OPC and Configurations.

- System cabinets check for detailed layout and power distribution.
- Simulating system in SCADA "Supervisory Control and Data Acquisition" and simulator (Trisim and Dynasim) and knowledge of HMI General design concepts (Platform, scripts, screen design, template screen).
- Medium voltage, Transformer and associated equipment substations trainings.
- Communications skills.