

100716-CSX-48CMOS-E-2006
Senior Automation & Commissioning Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 9 years hands-on experience working in automation field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/12/1983
Gender : Male
Residence : Currently KSA

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2006

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: Programming (Visual Basic)
: Automation program design (IFIX Intellution)
: Practical Experience in Siemens Automation Products: STEP 5, STEP 7, PCS7 (Integrated DCS), WINCC (HMI Software), WINCC FLEXIBLE (HMI Software), PROTOOL (HMI Software).
: SIWATOOL (Calibration of weighing modules)

TRAINING COURSES AND CERTIFICATIONS

: OPITO Approved Engineer (Expiry date: 25th October 2016).
: Basic Offshore Safety Induction & Emergency Training (BOSIET).
: Basic H2S Training.
: Technical Training in Austria, Connection Configuration between Step-5 PLCs and WINCC.
: Project Management Professional (PMP) in PMI Mena Chapter (Apr. 2011).
: CCNA (Cisco Certified Network Associate) (Feb. 2011).
: Training in SIEMENS EGYPT around of SIMATIC WINCC flexible 2008 for HMI Panels (Apr. 2010).

- : Technical Training in Austria around Connection Configuration between Step-5 PLCs and WINCC software (Feb. 2010).
- : Training in SIEMENS EGYPT around of migration from COROS LSB to WINCC 7.0 (Mar. 2009).
- : Training in Salesian Institute (Don Bosco) (Nov. 2006), studied and observed the following processes:
 - Automatic control of electric motors.
 - Power and control circuit design and execution.
- : Training in ABB (Automation) (Sep. 2005):
 - Learning Software Programming Language of PLC (Series 50).
 - Learning Hardware connection between PLC and HMI.
- : Training in EASTERN Company (Aug. 2004):
 - Knowing all Electrical & Mechanical Equipments for power station.
 - Learning operation steps of Power Generation Unit in Power Station.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2015 till now
- Employer** : Aesarabia (AES)
- Projects** :
 - Demineralization water Package for PETROKEMYA ABS Project 140 KTA (Client: TR /SABIC)
 - Seawater Desalination plant with RO technology (Client: Hyundai Heavy Industries (HHI) / Saudi Electricity Company (SECO))
 - Boiler Chemicals Dosing system (Client: Hyundai Heavy Industries (HHI) / Saudi Electricity Company (SECO))
 - Condensate Polishing system in JAZAN REFINARY (HITACHI / ARAMCO)
 - Water treatment system supply Demineralization water for combined cycle operation and service water as permanent system (Client: BEMCO-GS / Saudi Electricity Company (SECO))
- Job title** : Senior Automation & Commissioning Engineer
- Job Description** : Working in water treatment projects, including full project lifecycle from initial preparing of project control Documents, implementing PLC & HMI Graphics software programs using (SIEMENS, Allen Bradley) control systems, FAT/IFAT testing, site commissioning and startup.
-
- Dates** : From 2011 till 2015
- Employer** : Schneider Electric "Invensys"
- Projects** :
 - Client: Invensys U.S, China Nuclear Power Stations / China:
 - Independent Validation and Hardware testing for Safety Controller (Tricon) Cabinets.
 - Preparation of Testing Document.
 - Client: AGIP KCO / Eni / Caspian Sea, Kazakhstan - Commissioning and SAT Activities.
 - Client: SATORP / Saudi Arabia - Commissioning and Start-up.
 - Client: GPC-Enppi / Egypt:
 - Software Implementation and FAT Activities.
 - Hardware design of the ESD and F&G cabinets.
- Job title** : Triconex Senior Application Engineer

- Job Description** : I worked in various continuous process industries (Petrochemical, Oil/Gas Refinery) and handled activities associated with ESD and F&G using (TRICON, Trident) safety controllers included Programming, testing, commissioning and site activities.
- Dates** : From Aug. 2008 till Jul. 2011
- Employer** : INTELSOFT - Authorized Siemens System Integrator Co. for process automation
- Projects** :
 - Client: Sodium Sulfate Factory / Egypt:
 - Upgrading control system from Redundant S5 controller to S7 controller.
 - Install MCC based on SIMOCODE modules, and connecting to DCS via PROFIBUS.
 - Client: (EMISAL) Sodium Chloride Factory / Egypt - Upgrade for packing machines.
 - Client: SHUAIBA Refinery / IRAQ - Programming and Commissioning Activities.
 - Client: EL NASR for Chemical / Egypt - Design PLC & HMI software program for Filters operation.
- Job title** : Automation Engineer

Practical Experience in Siemens and Allen Bradley Automation

Products:

- STEP 7.
- PCS7.
- WINCC 7.0.
- WINCC FLEXIBLE (HMI Software).
- TIA Portal.
- RSLogix 5000.
- Factory talk View.
- Tristation 1131 v4.1.

- Field of experience** :
 - Responsible for control system design, Hardware Modules selection according to project specification, PLC logic programming and software programs simulation and testing.
 - Site commissioning / start-up and troubleshooting.
 - SCADA and HMI configuration for Allen Bradley and Siemens programs.
 - Design control Panel and wiring schematic, Power & Heat Calculation, Prepare Bill of materials.
 - Preparation of Project control documents like control Philosophy, Cause & Effect, logic diagram, PLC I/O List, MODBUS list and FAT/IFAT/SAT Procedures.
 - Review and study Design inputs documents / P&IDs and project specification.
 - Testing and calibrating products and instruments.