

Holds a B. Sc. in Electrical Engineering (Computers & Automatic Control) and has about 8 years hands-on experience, including 6 years working in operation, I&C and technical office field of Power Stations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/08/1982
Marital Status : Single

EDUCATION

: B. Sc. in Electrical Engineering (Computers & Automatic Control), Tanta University, 2004

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office, Internet
: MS Frontpage
: Windows Movie Maker video presentations
: HTML, DHTML, VB script and JAVA script implementation
: Good knowledge about database basics and SQL
: Ethernet local networks setup and troubleshooting
: PLC ladder diagram implementation

TRAINING COURSES AND CERTIFICATIONS

: Siemens Power Academy, Energy sector, Germany:

- SIPROTEC 4 – Numerical Protection Devices.
- SICAM PAS Training.

: Yokogawa Middle East, YME - Bahrain:

- CENTUM CS3000 R3 Fundamentals for operation.
- CENTUM CS3000 R3 Fundamentals for maintenance & engineering.

: Toshiba Training Department, El-Atf Power Plant:

- Hydrogen Generation Plant.
- Fuel Oil Treatment.

- : Ansaldo training school:
 - Steam turbine generator and condenser operation.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From May 2009 till now
- Employer** : Middle Delta Electricity Production Company (MDEPC)
- Project** : El-Atf Power Plant (750MW):
- Gas Turbine, 2x250MW, by Mitsubishi.
 - Steam Turbine, 1x250MW, by Ansaldo Energia.
 - HRSG, 2 (both for steam turbine), by NEM.
 - GIS System, Sicam Pas, by SIEMENS.
 - DCS, CENTUM CS3000_R3.08.5, by Yokogawa.
- Job Description** :
- I&C Engineer (from Sep. 2010 till now):
 - Water treatment system (METITO):
 - Allen Bradley PLC.
 - RS Logix 5000 V17.00.00 Controllers.
 - RS View 7.0 HMI.
 - RS Linx 2.54 Communication.
 - Yokogawa Centum CS3000 R3 DCS commissioning & start-up:
 - Loop Check and Test Functions.
 - Test Procedure using Centum Test Functions tool.
 - Starting up HIS and ENG Stations.
 - Editing Logic and Sequence Tables.
 - Creating/Editing Trends and the Graphic Windows.
 - Creating/Editing of the daily and monthly reports.
 - Field Control Stations Configuration and redundancy test.
 - Central (PABX) commissioning & start-up.
 - Intercom commissioning & start-up.
 - Install and configure the mangers building data network devices.
 - Install the Domain Controller Server using Windows server 2003.
 - During my work as I&C Engineer the Project Manager charge me with take responsibility of developing the technical office new tasks after the project is completed beside my I&C Engineering activities and I start develop the following tasks:
 - Prepare, implement and follow-up preventive and predictive maintenance plans to ensure equipment reliability.
 - Analyze the feedback from executed maintenance activities in order to enhance the maintenance plans.
 - Prepare the maintenance dept. periodical statistical reports to help evaluating maintenance activities and provide management with information for decision making.
 - Setup AMPLISMA System.
 - Make training for all engineers for operation and maintenance fundamentals.
 - Collect and lead an AMPLISMA team to collect the station information and finish the Data entrée of all station equipments and stores.
 - Operation Engineer (from May 2009 till Sep. 2010):
 - GIS SICAM PAS commissioning and start-up:
 - SICAM PAS software installing and licensing.

- Logic Processing with CFC.
- HMI interface starting.
- Loop Check & Function Test.
- Gas Turbine operation (Diasys HMI):
 - Start and stop procedures.
 - All daily operation tasks.
 - Site observation, equipments check and maintenance daily reports writing.
- Steam turbine operation (ABB HMI):
 - Start and stop procedures.
 - All daily operation tasks.
 - Site observation, equipments check and maintenance daily reports writing.

- Dates** : From Mar. 2007 till May 2009
- Employer** : Middle Delta Electricity Production Company (MDEPC)
- Project** : EI-Mahmoudia Power Station:
- Gas Turbine, 8x25MW, by GE.
 - Steam Turbine, 2x50MW, by GE.
 - HRSG, 8 (4 for each steam turbine), by NEM.
 - DCS, Infi 990, by ABB.
 - Steam turbine HMI, Mark V, by GE.
- Job title** : Operation Engineer
- Job Description** :
- Local operation of all equipments (Pumps, Valves, etc.) of: HRSGs, Steam turbine, Gas turbine, Auxiliary Systems.
 - Equipments observation and maintenance daily report writing.
 - Equipments reading sheet recording.
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- Dates** : From May 2006 till Mar. 2007
- Project** : Private Business
- Job Description** : I set up a small private office for IT solutions and it worked in Internet Providing, Design and Install internet cafés and Servers computers maintenance.
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- Dates** : From May 2006 till now
- Employer** : Google
- Job Description** : I take advantage of my free time and work as adverting publisher via internet in Google ADSENSE program provided by Google Company.
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- Dates** : From Jan. 2005 till Mar. 2006
- Employer** : Military
- Job Description** : My military duty was in the AFSPC (Armed Force Software Production Center) and beside my activities as a soldier I was responsible of the software test LAB network maintenance and administration.