

Holds a B. Sc. in Systems & Computers Engineering and has about 11 years hands-on experience, including 6 years working as I&C Engineer and 5 years as Operation Engineer.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 01/03/1981  
Gender : Male  
Residence : Mansoura

## **EDUCATION**

: B. Sc. in Systems & Computers Engineering, Al-Azhar University, 2005

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Access, Power Point), Internet  
: Linux basics and administration  
: Microcontroller applications and PCB design  
: Languages: VC#, VC++, C++, VB 6.0 (General Concepts)  
: Database: Database fundamentals, MS SQL  
: Networks: Network+ certified, router simulators

## **TRAINING COURSES AND CERTIFICATIONS**

: GE MK VIe operation & maintenance (at GE Training Center) (80 hours).  
: Components & Operation of gas turbine (36 hours).  
: Maintenance of instruments for gas turbines (36 hours).  
: Components & Operation of steam turbine (36 hours).  
: Prevention and fight against the dangers of fire (36 hours).

## **CHRONOLOGICAL EXPERIENCE RECORD**

Dates : From Oct. 2011 till now  
Employer : Middle Delta Electricity Production Co.  
Job title : I&C Engineer

**Job Description** : 

- Retrofit of 8 gas turbines' control system from GE MK II to GE MK VIe.
- Error detection and correction of process control systems (including GE Mark II, III, IV and VIe).
- Hands-on experience with GE ToolboxST and Proficy HMI / SCADA Cimplicity.
- Execute unit start-up and performance tests ensuring proper and safe operation of the machine.
- Execute loop check and commissioning phase performing the functional tests.
- Prepare the General and functional specifications for Field Instruments.
- Review and analysis of tender's techno-commercial proposal.
- Installation and calibration of switches & transmitters (Temperature, Pressure, Flow and level).
- Calibration of servo valves and LVDT.
- Maintenance of motorized and pneumatic valves' actuators.
- Supervise cable laying, meggering, termination and systematization.

**Dates** : From Nov. 2006 till Sep. 2011

**Employer** : Middle Delta Electricity Production Co.

**Job title** : Operation Engineer

**Job Description** : 

- Operation of gas units of 8x25MW.
- Operation of HRSG (Heat Recovery Steam Generator) of 8 x 45 tons Steam/Hour.
- Operation of steam turbines (2x50MW).
- Operation of switchgear operation with National Control Center to connect and disconnect 220KV grid function.
- Operation of all site's Electrical and Mechanical equipments (Ac/Dc Motors, Pumps, pneumatic/motorized valves, heat exchangers, condensers, and heavy duty compressors).
- Operation of fire fighting system.