

Holds a B. Sc. in Electronics Engineering and has about 16 years hands-on experience in design, construction and commissioning of power/water generation plants. Specialized in power/water generation instrument and control with advanced knowledge of process and control systems.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 06/01/1975  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Electronics Engineering, Menoufia University, 2001

## **LANGUAGES**

Arabic : Native Language  
English : Fluent  
French : Basics

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Access, Power Point), Internet  
: Programming: C#, Visual Basic .Net and VBA (Macros for Excel)  
: Engineering Tools: PLC Software, Intools, Matlab and AutoCAD  
: Database: Microsoft Access and SQL  
: CMMS: BFS++ (Administration Level)

## **TRAINING COURSES AND CERTIFICATIONS**

: SIEMENS SIMADYN D, Germany (2009).  
: SIEMENS T2000 ES680, Germany (2010).  
: SIEMENS T2000 AS620, Germany (2010).  
: SIEMENS T2000 OM650, Germany (2012).  
: SIEMENS T3000 ENGINEERING I, Germany (2016).  
: SIEMENS T3000 ENGINEERING II, Germany (2016).

# CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jun. 2008 till Feb. 2018  
**Employer** : SIEMENS S.A.E  
**Project** : Midelec 3x60MW Gas Turbine Power Plant, Free Zone - Alexandria  
**Job title** : Senior I&C Engineer and Deputy of Maintenance Manager  
**Job Description** :

- Scope of the plant: Siemens Gas Turbine V64.3 60x3MW.
- DCS: Siemens Teleperm XP ver.7.1, Simadyn D as Turbine Controller.
- iMOS: 11KV/33KV Switch gear controller.
- Responsibilities as Midelec is a private power plant constructed to act as un-interruptible power supply to the biggest oil refinery in the middle east, the availability of the units is the highest priority and this is achieved through:
  - Routine check: Plan, supervise and perform the daily, weekly, monthly, semi-annual and annual checks for the various systems in the power plant to ensure the availability of the unit.
  - Corrective maintenance: Troubleshooting the daily faults and alarm and perform the necessary simulations in order to work online without interruption the plant availability and study the necessary permanent modification to eliminate repetition the faults.
  - Minor/Major Inspection: Supervise the isolation and dismantling of the instruments for calibration and perform the DCS maintenance and participate in the installation of the calibrated instrument and perform the testing and system commissioning for start-up.
- Also responsible of the I&C department budget planning and the spare parts administration and replacement of the obsolete systems.

**Dates** : From Oct. 2004 till Jun. 2008  
**Employer** : West Delta Electricity Production Company  
**Project** : Sidi Krir Power Station, Alexandria  
**Job title** : I&C Maintenance Engineer  
**Job Description** :

- Scope of the Plant: 2x320MW Gas/Oil Fired Thermal Power Plant + 2 MSF Desalination units.
- DCS: Plant DCS: ABB, Bailey infi90 + Turbine DCS: Siemens Teleperm XP 5.1.

**Dates** : From Dec. 2002 till Sep. 2004  
**Employer** : Egypt Navigation Co.  
**Job title** : E&I Maintenance Engineer  
**Job Description** : Supervising the E/I construction and commissioning activities onshore/offshore. Ensuring the acceptance implementation of the maintenance program to comply with the international standard.

**Field of experience** : Systems:

- DCS: Siemens SPPA-T2000 Teleperm XP for the steam and gas turbine and the turbine governor Simadyn D Siemens SPPA-T3000. ABB, Bailey infi90.

- PLC: ABB, Freelance 2000 - SIEMENS S7 - SIEMENS S5 - ALLEN BRADLEY SLC5 – LOGO.
- Vibration: VIBROMETER VM - BENTLY NEVADA 2500.
- Speed Protection: BRAUN.
- Fire Detection: MINIMAX.
- Gas Detection: HONEYWELL 57.
- Speed Governor: WOODWARD 505.
- Air Compressor: INGERSOLL RAND - ATLAS COPCO.
- Actuator: MOTORIZED (AUMA + SIEMENS), PNEUMATIC (ABB + SIEMENS + MEETSO).
- Instrumentation: Solid academic background and advanced experience in various types make and model.