

Holds a B. Sc. in Electrical Engineering & Computer Science and has about 8 years hands-on experience, including 6 years as Instrumentation and Control Engineer, working in field of power generation especially CCGT & CCPP.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 03/09/1984
Gender : Male
Marital Status : Single
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electrical Engineering & Computer Science, Higher Technological Institute (H.T.I), 2009

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: OrCAD electronics design
: Electronics design and implementation
: Antenna Design (Microwave specialty)
: Network +, C++
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: PLC advanced system design and implementation in Industrial System.
: PLC control system design and implementation (from A to Z) my working design automatic garage system & fire fitting system with call help & mixer liquid or bills or powders.
: DCS Cabinet I/O modules, control modules, synchronization and timing card, power and adaptation system board.
: Electronics system design and PCP implementation.
: Robotics system design (my working project line follower robot car & small robot arm for lifting).

- : Microcontroller system design (ATMEL/INTEL) with low language assembly.
- : Advanced electronic system design.
- : GSM, CDMA, UMTS telecommunication.
- : Fiber optical SI/GI connector and splice network system configuration.
- : CCNA network.
- : Gas turbine advanced on site.
- : Steam turbine advanced on site.
- : English: certificated IELTS 6/9 overall.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jul. 2011 till now
- Employer** : Upper Egypt for Electric Production Company (UEEPC)
- Project** : El-Kureimat III Power Plant Combined Cycle 750MW (CCGT)
- Job title** : Operation & Commissioning Engineer (I&C)
- Job Description** :
- 4 years Operation Engineer & Commissioning Engineer (I&C).
 - 2 years Maintenance Engineer (I&C).
 - Manage start-up and shutdown the unit.
 - Troubleshooting for unit trip or shutdown or runback.
 - Testing the system for black out, the diesel generator and testing UPS.
 - Toolbox for diagnostics any problems with unit (using TMR system).
 - Sensor calibration and diagnostic.
 - System over all checking.
 - P.M & C.M for TMR system.
 - Starting and troubleshooting for one or two HRSG.
 - Chemical injection (Ammonia, hydra, phosphate) for proper ph.
 - General Electric (G.E) gas turbine (MS9FA) (2x250) modules using Mark 6 frame 9 with its main (15.75/220) and auxiliary transformers (15.75/6.3). 3 stage gas and liquid turbine bucket and nozzle, with 18 combustion chamber, 16 stage Compressor (14.6 Bar actual) rotated and fixed the first rotated the 16 is fixed controlled with PEECC (TMR system). With single shaft connected with coupling to 250MW generator (50 HZ at 3000 rpm – 15.75KV) controlled by excitation system.
 - CMI HRSG natural circulation vertical pipe heat recovery steam generation DCS system with its pumps (HP/IP pump - LP pump - Preheater pump - Blow done pump – pneumatic valve – motorized valve – isolation valve). Chemical additives Ammonia, hydrazine, phosphate.
 - ALSTOM P320 TGC V2+ Steam turbine one modules ALSPA320 system. HP-IP-LP turbine condenser and condensate pump, 2 vacuum pumps NASH Company, C.W pump with ball cleaning and depress cleaner.
 - Auxiliary system (instrument & service compressors, feed water pump, demi tank, demi pump).
- Dates** : For 1 year
- Employer** : Mobiserve
- Job title** : Maintenance Engineer

Job Description : • Worked as O&M Telecommunication Engineer, managing group of Technicians for making the systems always on-air with good quality transceiver, Radio site maintenance & commissioning.

- 2G BSC Alcatel G2 & EVO.
- 2G BTS's ODU & IDU Alcatel (G2, G3, G4, micro-BTS & mini-BTS).
- Transmission equipment (ADM, Alcatel, NEC).
- Execute (P.M & C.M) perfectly for BTS & BSC.
- PCM analyzer, check BER on microwave links.
- Check VSWR on cables, feeders and antenna.
- Supervise & implement all Audits for BTS, BSC.
- Power cabinet rectifier modules installation, calibration and troubleshooting.

Dates : For 1 year

Employer : Raya

Job Description : • Research Maintenance Engineer for Nokia cell phone Company in Egypt.

- Checking for fault corrupted mobile for customer to fix bugs, electronic failure and radio frequency and band problems in future phone in market.
- FPGA, RF analyzer, MIC conversion, Microprocessor, Rom, software.