

Holds a B. Sc. in Mechanical Engineering (Mechatronics Dept.) and has over 8 years hands-on experience working in mechatronics field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/08/1984
Gender : Male
Marital Status : Married
Residence : Currently Doha, Qatar

EDUCATION

: B. Sc. in Mechanical Engineering (Mechatronics Dept.), Ain Shams University, 2007
: Secondary School: Tabary El Hegaz School, 2001

LANGUAGES

Arabic : Native Language
English : Very Good
German : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet
: Mechanical drawing using Autodesk Inventor
: PLC programming using the Ladder diagram & Function Block
: Web design using FrontPage, Dreamweaver, Photoshop and SWiSHmax
: Presentation Programs, Video Programs
: Using Automation Studio Program for Hydraulic and Pneumatic Control
: C language and C for Embedded systems "Microprocessors"

TRAINING COURSES AND CERTIFICATIONS

: Legrand LCS2 Certification Training – Structured Cabling – Legrand Dubai.
: Product and Operations Planning – Saber Training and Consulting.
: Supervisory Management Skills – Spearhead Training and Consulting.
: Vantage Infusion Certificate Training – Vantage Dubai.
: KNX Certification at Merten by Schneider Electric – Wiehl – Germany.

- : KNX Basic Product and Using ETS4 Course at Merten by Schneider Electric – Wiehl – Germany.
- : PLC Course (Mitsubishi Device), Cairo University (Aug. 2006).
- : Training on a control systems and monitoring the production lines, Olympic Group in DEA Factory (Delta Electronics Applications) (Jul. 2006).
- : Training on control systems of pumping petrol and separate its contents, Gulf Of Suez Petroleum Company in Ras Shukeer Field (GUPCO) (Sep. 2005).
- : Training on Monitoring Casting Production Line, The Arabian Company for Casting Manufactory (El Erkessosi) (Jul. 2004).
- : Self-Study of Marketing Techniques, CRM and CLC "Customer Life Cycle and how to develop it".

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jul. 2013 till now
- Employer** : Smart Solutions Department in Gazzaoui & Partners – Qatar
(Products: Schneider Electric (Merten), Bticino, Vantage, AMX, Zennio, Eelctron, NuVo, iPort)
- Projects** :
- Hamad Hospital – Simulation Centre – Lighting Control System
 - Khalifa Stadium – Lighting Control System
 - American Operation Room – Lighting Control System
 - Ministry of Foreign Affairs – Lighting Control System
 - Lusail Car Parking – Lighting Control System
 - 3 Car Parking in Al Bidaa Area – Lighting Control System
 - ISOLA DANA Villa In Pearl Qatar – Home Automation System
 - Sultan Resort Hotels (6 Hotels) – Guest Room Management System
 - Merweb Plaza Hotel – Guest Room Management System
- Job title** : Senior Application Engineer
- Job Description** :
- Pre-Sales Activities:
 - Study the book of specification and select the most suitable product that can comply the specs.
 - Design an optimize solution for the client to fulfill his needs with lowest price.
 - Draw schematics diagram, single line diagram, shop drawings for the home automation, lighting control system and guest room management scope.
 - Make the suitable submittal which includes all technical data required to get the approval from consultant.
 - Follow up with client/interior if they have any comment, change in design, additional requirement and help them choosing the most efficient system for their needs to make it easy for the sales to close the deal.
 - After Sales Activities:
 - Following up with sales to register the order on system and with the supplier and get an approximate delivery date.
 - Follow up directly with client/interior for the load selection (light fixture selection, curtain motor selection, AC Exact wiring, sound system source distribution, intercom handset exact location, ...).
 - Following up with warehouse to send the first fix to start work (panels, Bus cables, back boxes, ...).

- Lead a team contains foremen, technicians, programmers and put a time schedule for each task.
- Follow up with team to be sure that every task is done in a proper way, time and quality.
- Design the control panel and send for assembly and wiring.
- Solve site technical issues that appear during execution.
- Follow up with programmer to commission and start-up to handover to client before his deadline and give him the detailed designs and as-build drawings for his facility.
- Give training to client/end user/hotel operator to use the system and guarantee the operating as per his requirement.
- Lead a team for all services needed after execution.
- Product Development:
 - Design a Cost Effective Solution which requires one or more brand in the same system to achieve client requirements.
 - Find new products to complete Automation range of products (New Gateways, Keypads, Touch Screens, Sensors and actuators).
 - Find a new products and opportunities to introduce to market in tangible and intangible way.

Dates : From Jan. 2010 till Jun. 2013

Employer : Schneider Electric, Egypt

Job Description :

- Senior Building Solution Engineer (from Sep. 2012 till Jun. 2013):
 - Design and Implement KNX System for Hotels as Room Management Systems, Restaurants and Cafes as Lighting and Dimming Control and Total Home Automation System as Integrated System.
 - Assist sales engineers in appointing new customers in the building automation market (KNX).
 - Provide customers as well as the sales team with excellent technical support and after sales support in particular in larger and complex projects.
 - Assist sales engineers in specification work/approval with consultants, architects, developers & Govt departments for building automation solutions (KNX).
 - Train customers and sales team in building automation technology (KNX).
 - Assist system integrators and sales engineers by making the right product selection & project quotations for building automation solutions.
- Building Solution Engineer (from Jan. 2010 till Sep. 2012):
 - Responsible for techno-commercial offers for Building Management System especially in LONWorks, BACnet and KNX Systems.
 - Responsible for Designing, programming and start-up these systems.
 - With an experience in Integrated Room Management System and Dimming System with KNX using Schneider, Altenburger and other KNX Products.
- Design, Commissioning and Start-up Projects:
 - Savoy Hotel: Lighting Control System (6 Restaurants).
 - MGM Hotel: Complete Room Management System with integration KNX System with Audio/Video System and control all with One

Universal Remote.

- Ghanaza Hotel: Lighting Control System (12 Restaurants).
- Nile Ritz Carlton Hotel Project: Guest Room Management System.
- Marriott Renaissance Hotel Project: Lighting Control System.
- Design and releasing all Engineering Documents:
 - MTN Uganda: Access Control, Lighting control using TAC LonWorks Protocol.
 - InfoFort Paper Warehouse: Access Control and HVAC Control using LonWorks Protocol.
 - Gila Head Quarters: Access Control, HVAC Control & Power Monitoring using TAC LonWorks Protocol.
 - Marriott Court Yard Project: Access Control, HVAC Control, MV SWGR & LV SWGR Control & Monitor Using Continuum BACnet Protocol.

Dates : From Jul. 2009 till Jan. 2010
Employer : Schneider Electric, Egypt
Job title : Technical Project Engineer
Job Description :

- Responsible for techno-commercial offers for Transformers, DC Systems, UPS Offers.
- Follow up offers and orders till delivery phase in commissioning and start-up.
- Handover of El-Tebbin Thermal Power Plant SCADA System (2x75 MWA).

Dates : From Aug. 2008 till Jun. 2009
Employer : Schneider Electric, Egypt
Project : Pepiniere Program
Job Description :

- PLC Programming, HMI, SCADA Design and Communication, Drivers Selection, Integration and Implementation of Real Industrial Applications and Cabinet Building.
- BMS "Design, Control and Implementation" (Certificate from TAC Company from Sweden).
- Design Video Camera for buildings (Certificated from PELCO USA).
- Experienced in Energy Auditing Field "Saving the Electrical Bill".

Dates : From Mar. 2008 till May 2008
Employer : HOMTECS (House Of Modern Technological Systems)
Job title : Control Systems Engineer
Job Description : Responsible for PLC programming for any Controlled System, Touch Screen Programming, Wiring System of Cabinet.

Dates : From Nov. 2007 till Mar. 2008
Employer : MGM (Misr Glass Manufacture Company)
Job title : Maintenance Engineer & Gob Change Team Leader
Job Description :

- Responsible for daily and weekly maintenance checklist and any mechanical installation.
- Gob Change Process and minimize the downtime causes to this process with co-ordination with all factory sectors.