

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 7 years hands-on experience working in automation field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 29/08/1987
Gender : Male
Residence : Currently Dubai, UAE

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2009
: Ongoing: Master of Business Administration at ESLSCA Business School

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Dialux, Calculux, PWS, Matlab, Robot Studio

TRAINING COURSES AND CERTIFICATIONS

: Passed IELTS (International English Language Testing System) with Score 6.0.
: ICDL (International Computer Driving License).
: Basic & Advanced PLC course.
: AutoCAD course.
: Trainings at:

- EGYMAC Company (MCC's, CT's, PT's, and medium voltage circuit breakers) (Aug. 2009).
- Cairo North Power Plant (Transformers, Generators, High Voltage Bb, HRSC Cycles, Turbines and Boilers) (Jul. 2008).
- Shoubra Power Plant (MCC's, CT's, PT's, and medium voltage circuit breakers) (Jul. 2007).

: Attended "EYE" Conference (in Cairo University): Marketing studies, feasibility studies and financial planning.
: Participated in Schneider Electric Xperience efficiency event as Energy Saving Specialist in 2014.

- : Extra-Curricular Courses:
 - Good communication skills and flexibility.
 - Negotiation skills.
 - Presentation skills.
 - Mind mapping.
 - Emotional intelligence.
 - Time management.
 - Leadership.
- Presentations and Seminars:
 - Variable Speed Drives Applications (Schneider Electric North East Africa 2013).
 - Variable Speed Drives Applications (PepsiCo Egypt 2013, Duravit Egypt 2014, Sanofi Events 2014).
 - Variable Speed Drives Applications (PepsiCo Egypt 2014).
 - Variable Speed Drives Applications (Coca-Cola Egypt 2014).
 - Variable Speed Drives Applications Plants (Egyptalum 2014, EZZ steel 2014).
 - Packaging Solutions for Food industry (Alpha Fine Foods, Kenya Nairobi 2016).
 - Packaging Solutions for Food industry (MIMO MEAT FACTORY, Sudan 2016).
 - Processing Machines for Food industry (FRIGO TRADING, Egypt 2015).

CHRONOLOGICAL EXPERIENCE RECORD

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| Dates | : | From Aug. 2016 till now |
| Employer | : | SIG Combibloc Obeikan, Market Operations Department – Dubai, UAE |
| Job title | : | Field Service Engineer |
| Job Description | : | <ul style="list-style-type: none"> • Securing the functional efficiency of the filling machine lines at customer site, considering the commercial conditions. • Demonstrating solid knowledge & understanding how related items work, as well as how to use different related tools (e.g. Pneumatics, hydraulics, mechanics, electro mechanics, automation, instrumentation, controls, tools). • Preparing the technical reports and record any customer complaints and forwarding to the responsible department. • Supporting the customer staff regarding technical problems. • Ordering of spare parts when required with customer approval. • Installing modifications when required. • Achievements: <ul style="list-style-type: none"> - Designing the lubrication program for production lines located at our customer sites. - Supporting the regional technical team in reducing the consumption of electrical spare parts. |
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| Dates | : | From Apr. 2014 till Jul. 2016 |
| Employer | : | Multivac North East Africa, Service and After Sales Department – Tunis, Tunisia |
| Job title | : | Field Service Engineer |

Job Description :

- Installing or oversees installation of equipment according to manufacturer's specifications.
- Supporting the sales team in developing the sales strategies i.e. holding seminars.
- Marketing the automation solutions and retrofits for the existing customers.
- Operating system to demonstrate equipment and to analyse malfunctions.
- Instructing and directing workers in servicing and repairing equipment.
- Consulting with engineering personnel to resolve problems in system operation and maintenance.
- Supervising workers in testing, tuning, and adjusting equipment to obtain optimum performance.
- Advising management regarding customer satisfaction, product performance, and suggestions for product improvements.
- Achievements: Redesigning the main store for improving the company response (i.e. spare parts and Materials).

Dates : From Dec. 2013 till now
Employer : Schneider Electric – North East Africa Services Business Unit – Energy Efficiency Department, Cairo
Job title : Energy Management Engineer
Job Description :

- Conducting walk through energy audits at customers.
- Performing audit analysis and prepare audit reports with energy saving recommendations.
- Working with building owners and property managers to provide energy efficiency advice and assistance in participating in energy efficiency programs.
- Analyzing customer's utility bills to determine energy usage trends.
- Providing final review of estimates, recommendations, and proposals to ensure sustainable energy savings.

Dates : From May 2010 till Dec. 2013
Employer : Mechatronics Automation Solutions
Job title : Senior Automation Engineer
Job Description :

- Provide daily operational support of instrumentation and control systems: troubleshoot and correct issues; provide controls expertise to develop and implement solutions; continuously improve the process; maintain system documentation.
- Develop validation documentation and implement validation plans for instrumentation and control systems.
- Creating and managing the communication of change and release notices to customers.
- Prepare clear and succinct technical reports and presentations to facilitate adoption of methods and technologies across functional teams.
- Manage medium to large sized automation projects, monitoring scope, schedule, and budget to the work to the project plan.
- Check all out-going material for quantity verification and conduct quality checks on incoming / outgoing.
- Preparation of safety handbook & implementations, site meetings and

safety inductions.

- Preparation of Time Schedule (installation & commissioning part) according project requirement.
- Identify end user training needs for technologies and products delivered.
- Achievements: Developing new solutions for increasing the sales volume i.e lift applications and Energy saving solutions.

Projects:

- Executing Energy Saving Solutions on the following applications:
 - (2) submerged pumps (PepsiCo Egypt: Menia Plant Artesian wells).
 - (3) Booster Pumps (PepsiCo Egypt: Menia Plant, Alexandria Plant and Tanta Plant).
 - (4) Cooling Towers (PepsiCo Egypt: Menia Plant and Alexandria Plant).
 - (3) Waste Water Units (PepsiCo Egypt: Menia Plant, Tanta Plant and Alexandria Plant).
 - (5) Mills (Duravit Egypt: 10th of Ramadan Plant).
 - (2) Agitators (Duravit Egypt: 10th of Ramadan Plant) (Egyptian Petrochemicals Plant).
 - Ammonia High Pressure Compressor (Atyab Foods Egypt: Ismailia Plant).
 - Reverse Osmosis High Pressure Pump (Coca-Cola Egypt: Beni Suef Plant).
 - Low Pressure Screw Compressor (Coca-Cola Egypt: 6th of October Plant).
- Installing the following applications:
 - Meat Cubes Production Line (Frigo Trading - Egypt).
 - Vacuum Machines (Nas - Kenya).
 - Smoked Meat Production Line (Alpha Fine Foods - Kenya).
 - Slicing Meat Production Line (El Gousy Meat - Sudan).
- Proposing Material Handling Solutions for the following customers:
 - Alfa Ceramics: the system consists of one palletizing robot carried on linear actuator and synchronized with two packing machines.
 - Rashidi: the system consists of one Packing robot fixed on a conveyor and synchronized with filling machine.
 - Alfa Ceramics: the system consists of one palletizing robot carried on linear actuator and synchronized with two packing machines.
 - Elsewedy Lighting: the system consists of two Painting robots fixed on a conveyor.

Skills:

- Able to Integrate robotics with peripherals, such as welders, controllers, or other equipment.
- Good command of programming and installing variable speed drives i.e. Schneider, Siemens, Yaskawa, Parker, Hitachi and ABB variable speed drives.
- Good command of Process Optimizing by using variable speed drives.
- Good command of Marketing and sales.
- Have proven experience in PLC logic and programming with the following PLCs: Modicon, and Siemens.
- Have proven experience in ELAU Motion Controllers.

- Able to create and read logic and flow diagrams for program design, programming, Simulating and testing, and start-up.
- Have an excellent understanding of automated systems, manufacturing, design, production processes, raw materials, and quality control.