

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 8 years experience with background in Power Systems, Automation and Controls. In-depth understanding of Control and Power-Delivery Systems. Familiar with All Major Engineering Standards Associated with Control Gear Components. Experienced in Developing Technical Studies and Investigations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 08/07/1991
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2014
: Studying for M. Sc. in Automatic Control Systems, Cairo University

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Autodesk AutoCAD
: Dialux, Google Sketch-up
: ETAP
: Matlab Simulink & Programming
: Automatic control, PLC & SCADA system of Schneider (Unity Pro XL, Zelio Soft, Vijeo Citect)
: Revit MEP
: SAP

TRAINING COURSES AND CERTIFICATIONS

: Industrial Automation (self-learn).
: International Standard IEC, IEEE & NEMA (self-learn).
: Quality Management System ISO 9001 & ISO 22000 (self-learn).
: Lean Manufacturing Methodology - 5S System (self-learn).

- : Safety Standards & OSHA General (self-learn).
- : AutoCAD at Computer Engineering Lab – Faculty of Engineering, Cairo University.
- : DAILUX at Graduation Project.
- : Etap: Graduation Project & self-learn.
- : Energy Efficient Busbar Design at Graduation Project.
- : Matlab Programming at Computer Engineering Lab – Faculty of Engineering, Cairo University.
- : Matlab Simulink at Control & Power Electronics Courses of Faculty of Engineering.
- : Micro C & Proteus 8 at 2nd & 3rd year of Faculty of Engineering.
- : Power world simulator Elective Course at 4th year of Faculty of Engineering.
- : Unity Pro XL, Zelio Soft, Vijeo Citect (Schneider Electric) at Compu-System Courses Center.
- : Automatic control at Compu-System Courses Center.
- : SAP Basics (self-learn).
- : Revit MEP Basics (self-learn).
- : Trainings at:
 - Shoubra El-Kheima Power Plant (2010 – 2011 – 2012 – 2013): Transformer, Boiler, Turbine & Generators, PLC & DCS System, Electrical Instrumentation, Water Treatment Cycle.
 - El-Ganem Computer's maintenance (4 months) (2010).
 - Cairo Metro (2012).
 - National Center for Control (2013).

CHRONOLOGICAL EXPERIENCE RECORD

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|------------------------|---|
| Dates | : From Aug. 2022 till now |
| Employer | : METITO, Cairo |
| Job title | : Senior I&C Engineer |
| Job Description | : <ul style="list-style-type: none"> • Installation of Instrumentation and Control Systems. • Supervise Installation of Electrical System. • Commissioning & Start-up for Instrumentation and Control System. • Commissioning & Start-up for Electrical System. • Supervise Electrical and Automation Systems Installation with Sub-Contractors. • Operation & Maintenance. • Technical Service and Support. • Optimization and Key Performance factors for system and labor. • SWRO / UF / STP / WWTP / MBBR / WTP. |
| Dates | : From Jun. 2021 till Aug. 2022 |
| Employer | : METITO / ORASCOM JV |
| Project | : Ain Sokhna |
| Job title | : Senior I&C Engineer |
| Job Description | : <ul style="list-style-type: none"> • Operation & Maintenance at SWRO AL-GALALA 150,000 M3/Day Seawater Desalination Plant. • Commissioning & Start-up for Booster Pump Stations. |

- Supervise Electrical and Automation Systems Installation with Sub-Contractors.
- Optimization and Key Performance factors for system and labor.
- Plan, Supervise and Coordinate Matters Related to Electro-Mechanical Equipment and Automation System.
- Root Cause Analysis for Equipment Maintenance Troubleshooting.
- Coordinate Maintenance Planning According to the Operation Schedule.
- Realizing Computerized Maintenance Management System (CMMS) Literate.
- Assessed, Analyzed and Pick Out the Suitable Implementation of Corrective and Preventive Maintenance for Electro-Mechanical Equipment and Automation System.
- Created and Delivered Risk Management Presentations to Key Decision-Makers.

Dates : From Aug. 2020 till Jun. 2021
Employer : METITO / ORASCOM JV
Project : Ain Sokhna
Job title : I&C Engineer
Job Description :

- Operation & Maintenance at SWRO AL-GALALA 150,000 m3/day seawater desalination plant.
- Plan, supervise and coordinate matters related to Electro-Mechanical equipment and automation system.
- Root cause analysis for equipment maintenance troubleshooting.
- Coordinate Maintenance planning according to the operation schedule.
- Realizing Computerized Maintenance Management System (CMMS) literate.
- Assessed, analyzed and pick out the suitable implementation of corrective and preventive maintenance for Electro-Mechanical equipment and automation system.
- Testing and commissioning for new systems added.

Dates : From Jun. 2018 till Jul. 2020
Employer : Techno Master, Cairo
Job title : Senior E&I Engineer
Job Description :

- Diagnosed, repaired and calibrated devices.
- Assessed, analyzed, and pick out the suitable implementation of CM, PM and CBM maintenance for customers.
- Established and directed successful programs focused on Energy, Oil & Gas and Water Sectors.
- Increased workflow by analyzing data and maximizing opportunities for improved productivity across several areas.
- Testing & Commissioning for Electrical Equipment in Generation, Transmission and Distribution stations.
- Testing & Commissioning for Instrumentations and signals loop checks.
- Assessed analyzed, and pick out the suitable implementation of corrective, preventive, predictive, and CBM maintenance for customer equipment and following their achievement.
- Data analysis, tracing of issues solving, and technical support for improving operations to achieve customer satisfaction.

- Root cause analysis for equipment maintenance troubleshooting.
- Organize and Develop a business that is complying with customer satisfaction and achieves company targets.
- Identify, qualify, pursue, and capture sales & investment opportunities.
- Organize sales strategy and marketing plan “E-Commerce Systems “B2B, B2C”.
- Ensure to implement TMS & CRM that is reflected in the Corporate EMS system.

Dates : From Sep. 2017 till Jun. 2018
Employer : Techno Master, Cairo
Job title : Technical Sales Engineer
Job Description :

- Testing & Commissioning according to international standards (IEC, IEEE & NEMA).
- Testing & Commissioning for TR., AIS, GIS, Motors, Cables, panels, Earth systems, and protection systems in Energy, Oil & Gas and Water Sectors.
- Transformer Oil Tests (BD, DGA & Chemical) and data analysis with reporting.
- Deal with all “Electrical, Instrumentation, Mechanical & Chemical” calibration devices.
- Responsibility for spare parts requests “Electrical, Instrumentation, Mechanical & Chemical” according to customer needs & follow their installation and warranty.
- Deal with Water Treatment Cycle and SWAS in Energy Sector.
- Identified opportunities to improve business process flows and productivity.
- Study Tenders & Bids and making Quotes & Purchase order.
- Organize and Develop a business that is complying with customer satisfaction and achieves company targets.
- Identify, qualify, pursue and capture sales & investment opportunities.
- Making technical presentations and demonstrating how a product will meet client needs, and explaining financial benefits to customers.

Dates : From May 2015 till Sep. 2017
Employer : Egyptian Army Force, Cairo
Job title : Officer Engineer
Job Description :

- Military Service Work.
- Organize and Training labor.
- Managed Corrective maintenance programs for all equipment to verify its optimal operation.
- Managed and scheduled equipment and system preventive maintenance programs to verify contractual compliance.
- Electrical Installation and Raising the efficiency of buildings.

Dates : From Aug. 2014 till May 2015
Employer : [EGYPTROL](http://www.egyptrol.com)
Job title : Electrical Engineer

- Job Description** :
- Low Voltage Electrical Power Design Shop Drawing and As-Built Drawing.
 - Low Voltage Electrical Lighting Design Shop Drawing and As-Built Drawing.
 - Medium Voltage Electrical Power Design Shop Drawing and As-Built Drawing.
 - Implement and Revise the Project Bill of Quantity (BOQ).
 - Solar Energy Design & calculation of solar system capacity.
 - Organize, analyze and verify for procurement list for Energy Projects.