

Holds a B. Sc. in Telecommunications & Electronic Systems Engineering and has long experience in smart metering systems and solution applications.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 01/10/1987  
Gender : Male  
Marital Status : Single

## EDUCATION

: B. Sc. in Telecommunications & Electronic Systems Engineering, Modern Sciences and Arts University (MSA), 2011  
: Secondary Education: Dar El-Tarbiah School, 2004

## LANGUAGES

Arabic : Native Language  
English : Fluent

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: SEP2W/SEP2MeterView MDM Systems  
: AutoCAD

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jul. 2019 till now  
**Employer** : Taqa Arabia – Power Group  
Based in Egypt and with more than 23 years of experience, TAQA Arabia has successfully become a pioneer in energy distribution across several countries in the Middle East and Africa regions, serving more than 1.2 Million customers with their daily need of Energy.  
**Job title** : Metering Dept. Manager  
**Job Description** : Managing a team of over 15 employees (engineers, supervisors and technicians) to perform the following aspects:

- Providing the meters, and suitable solution for each project, according to its needs.
- Retrieving the readings – automatically or physically through a team according to the quality of the network connection.

- Maintenance of faulty meters.
- Providing training and support for other departments operating on the systems.
- Reporting services with available data.
- Vendors and solution providers' evaluation for each project.
- Providing smart, automated solutions.
- Energy management and losses control.
- Providing full prepayment solutions.
- Facilitating the payment process to our end users, by providing more payment options – online, web portals, and collection agencies.
- Providing a unified system, for easier operation and more reliable results.
- New solution innovations to best serve our business.

**Dates** : From Sep. 2018 till Jul. 2019

**Employer** : NEWGIZA  
 NEWGIZA is among the high-end real estate developers in Egypt with a compound area of over 1500 Acres - 6.5M SQM.

**Job title** : Utility Services Manager

**Job Description** :

- Redesigning the infrastructure of the compound to accommodate the smart meter and smart grids solution provided by ISKRAEMECO.
- Responsible for the compound's electricity and water supply management.
- Designing, planning and allocating the communication network/system to be used in the deployment of (AMI) Advanced Meter Infrastructure (smart meters).
- Maintain living client communications, issuing bills and electricity supply contracts.
- Government relations management, issuance of NEWGIZA utility services license for electricity supply.

**Dates** : From Nov. 2016 till Sep. 2018

**Employer** : Iskraemeco  
 Iskraemeco is among the leading world providers of devices and systems for electric energy measuring, registration and billing.

**Job title** : Senior System & Solution Engineer

**Job Description** :

- Negotiating and confirming requirements with customers.
- Designing, planning and allocating the communication network/system to be used in the deployment of (AMI) Advanced Meter Infrastructure (smart meters) projects that uses GPRS/UMTS, Ethernet, Serial (RS485) and PLC "Power Line Communication" technologies.
- Providing training on Iskraemeco's systems and solutions.
- Maintain customer communication and perform daily follow up.
- Smart metering (AMI) network maintenance & cleanup (DLMS/Cosem, IEC1107).
- Coordination with customer's technical team.
- Worked on projects in various markets including, EWA-Bahrain, Oasis Mall-Iraq, Lydec & Radeef-Morocco, Ministry of Electricity-Gaza, Palestine.

**Dates** : From Jan. 2014 till Nov. 2016  
**Employer** : Iskraemeco  
**Job title** : System & Solution Engineer

**Dates** : From Mar. 2013 till Aug. 2013  
**Employer** : Vodafone International Services  
**Job title** : International Account Advisor  
**Job Description** : Delivery of an exceptional, commercially focused, customer experience through an understanding of different customer needs and providing the right technical solutions and service in a restless way.

**Dates** : From Mar. 2012 till now  
**Employer** : Egyptian Company for grain milling – ECGM  
**Job title** : Member of Board – Family Business  
**Job Description** : Ensure the company's prosperity by directing the company's affairs, whilst meeting the appropriate interests of its shareholders and stakeholders, steer the organization towards a sustainable future by adopting sound, ethical and legal governance and financial management policies.

**Projects:**

- RFID TECHNOLOGY:
  - Animal Identification and Tracking system using RFID technology – Graduation Project, Egypt.
- Power Line Communication Projects (PLC):
  - Global Energy, Egypt.
  - Al Nakheel-Mall, Iraq.
  - Oasis Mall, Iraq.
  - Mall 360, Kuwait.
- RS-485 Communication Projects (GPRS / UMTS, Ethernet):
  - NEWGIZA.
  - Global Energy, Egypt.
  - Emaar Egypt – Uptown Cairo, Marassi, Egypt.
  - Mountain View, Egypt.
  - Ministry of electricity, Gaza.
  - Lydec, Morocco.
  - Transnet Metering, South Africa.
- GPRS Communication Projects:
  - NEWGIZA.
  - Global Energy, Egypt.
  - Emaar Egypt – Uptown Cairo, Marassi, Egypt.
  - Mountain View, Egypt.
  - Ministry of electricity, Gaza.
  - EWA, Bahrain.
  - Lydec, Morocco.
  - Transnet Metering, South Africa.
- M-Bus Communication Projects:
  - NEWGIZA.
  - Emaar Egypt – Uptown Cairo, Marassi, Egypt.
  - Mountain View, Egypt.

- Lydec, Morocco.
- Transnet Metering, South Africa.
- Prepaid Meters:
  - Al Nakheel compound 1<sup>st</sup> settlement – Taqa Power, Electricity distribution.
  - Mall of Arabia – Taqa Power, Electricity distribution.
  - Mall of Tanta – Taqa Power, Electricity distribution.
  - Cairo Festival City – Taqa Power, Electricity distribution.
  - Al Marasem compound – Taqa Power, Electricity distribution.
  - Galleria 40 – Taqa Power, Electricity distribution.
  - Al Burouj – Taqa Power, Electricity distribution.
  - Marakez: Aeon.
  - Palm Springs.
- MV Prepaid Meters:
  - Sharm El-Sheikh – Nabq – Taqa Power, Electricity distribution.