

Holds a Bachelor of Computer Science and has about 18 years experience working in IT, SAS and SCADA.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 23/05/1984  
Gender : Male  
Marital Status : Married  
Residence : Giza, Cairo

## **EDUCATION**

: Bachelor of Computer Science, Assiut University, 2005

## **LANGUAGES**

Arabic : Native Language  
English : Very Good  
German : Basics

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: Zenon Basic Certificate.  
: Zenon Advanced Certificate.  
: Project Management Professional (PMP).  
: Substation Automation.  
: SCADA System.  
: Classic Control.  
: Microsoft Certified Solutions Associate (MCSA).  
: Cisco Certified Network Associate (CCNA).  
: Talent skills (Eagle Program).  
: International Computer Driving License (ICDL).

# CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From 2021 till 2023  
**Employer** : Alfamar, Bahrain  
**Projects** :

- King Abdullah Medical City (KAMC) Substation (66/11KV) – Bahrain
- ESKAN LAWZI Substation (66/11KV) – Bahrain
- ESKAN SANAD Substation (66/11KV) – Bahrain
- ESKAN RAMLI Substation (66/11KV) – Bahrain
- JUZR HAWAR Substation (66/11KV) – Bahrain

**Job title** : Senior SAS Engineer (Substation Automation & SCADA)  
**Job Description** :

- Site Manager: Responsible for all transmittals, Technical and Managerial Processes.
- Responsible for project progress and the time schedule.
- Experience in protocols (IEC 61850 & IEC 60870-5-101, 103, 104 & Modbus & etc.).
- Configure many types of protection Relays (ABB, GE, Siemens, Schneider).
- Configure RTU and Build a station Database.
- Design substation visualization using Zenon Software.
- Supervise network installation and commissioning at site.
- Supervise wiring interface installation between bay level and process level.
- Preparation of HMI related submittals, visualization screens, Trip/alarm/event lists.
- Setup of system Servers, Workstations, Network switches, Firewall, GPS and Storage Device.
- Build complete interlocking scheme via software and Hardware.
- Training for operation and maintenance Engineers at both lab & site.
- Troubleshooting and technical support of the running projects.
- Supervise wiring and installation of SAS cabinets.
- Performing FAT and SAT procedures with client.

**Dates** : From 2020 till 2021  
**Employer** : OVO Egypt, Cairo  
OVO Egypt is an Egyptian Company working in Food Manufacturing with a fully automated system.  
**Job title** : Automation & SCADA Supervisor Engineer  
**Job Description** :

- Supervise wiring interface installation between bay level and process level.
- Supervise network installation and commissioning in Control Room.
- Supervising installation system Servers, Workstations, Network switches.
- Supervising all manufacturing processes with the SCADA system.
- Supervise wiring and installation of IT cabinet and power up all components via UPS.
- Troubleshooting and technical support of all running equipment's and systems.

**Dates** : From 2010 till 2019  
**Employer** : SCADA Innovations, Cairo  
**Projects** :
 

- East Sohag Substation (500/220/66/22KV)
- Naga Hamadi Elsenaiia Substation (500/220/66/11KV)
- Ras Gharib - S4 Substation (500/220/33KV)
- El-Obour Substation (220/66/22KV)
- Al-Mattar Substation (220/66/11KV)
- Cairo West Power Plant (6.6/0.4KV)
- Al-Ain Al-Sokhna Power Plant (6.3/0.4KV)
- Madinaty Substation (66/22KV)
- Ibni-Bitak Substation (66/22KV)
- Colangeel Substation (66/11KV)
- Abo-Sultan Substation (66/22KV)
- Motawereen Substation (66/22KV)

**Job title** : Supervisor SAS Engineer (Substation Automation & SCADA)  
**Job Description** :
 

- Site Manager: Responsible for all transmittals, Technical and Managerial Processes.
- Responsible for project progress, Project Budget and the time schedule.
- Performing Factory Acceptance Test (FAT) at SPRECHER Automation Company at Vienna, Austria.
- Experience in protocols (IEC 61850 & IEC 60870-5-101, 103, 104 & Modbus & etc.).
- Configure RTU and Build a station Database.
- Design substation automation system visualization using Zenon Software and other SCADA Applications.
- Supervise network installation and commissioning at site.
- Supervise wiring interface installation between bay level and process level.
- Preparation of HMI related submittals, visualization screens, Trip/alarm/event lists.
- Setup of system Servers, Workstations, Network switches, Firewall, GPS and Storage Device.
- Verify redundancy link via software setting the Server's RAID function.
- Build complete interlocking scheme via software and Hardware.
- Training for operation and maintenance Engineers at both lab & site.
- Troubleshooting and technical support of the running projects.
- Supervise wiring and installation of SAS cabinet and power up the SCS components via UPS.
- Performing FAT and SAT procedures with client.

**Dates** : From 2007 till 2010  
**Employer** : Management Information Systems Center (MIS) – Assiut University  
**Job title** : IT System Administrator  
**Job Description** :
 

- Implement, Configure, administrate and maintain network infrastructure equipment including routers, switches, network security systems and servers.
- Managing the main servers and the connected clients.
- Based Network infrastructure (DNS, DHCP, Windows server, Remote Desktop).

**Dates** : From 2005 till 2007  
**Employer** : El-Hegazy Computer Co., Assiut  
**Job title** : IT Technical Support  
**Job Description** : Installation and Configuration of a company computer hardware operating systems and applications.

Technical Skills:

- Project Management.
- Project Engineering.
- Substation Automation.
- Industrial Automation.
- SCADA System.
- Zenon.
- RTU.
- IED Integration.
- IEC 61850.
- IEC 60870-5-101, 103, 104.
- Modbus Protocol.
- Switching.
- IT System Administration.
- Microsoft Project.
- Microsoft Office.
- Microsoft Visio.