

Holds a B. Sc. in Computers & Systems Engineering and has over 12 years hands-on experience working in automation field. Has diverse knowledge of designing various electrical, telecommunication, PLC, SCADA, maintenance management and control systems.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/01/1988
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Computers & Systems Engineering, Mansoura University, 2010
: Master's degree, Mansoura University, 2015

LANGUAGES

Arabic : Native Language
English : Excellent
German : Fair
French : Fair

COMPUTER SKILLS

: Windows, MS Office, Internet
: PLC
: SCADA
: VB.NET
: C#
: C++
: AutoCAD
: Primavera 6
: HTML
: SQL
: Oracle
: Linux
: Automation
: Embedded Systems
: DCS

- : Networking
- : Design
- : Python
- : Ruby
- : OPC-UA
- : MES
- : ERP
- : OCP
- : CMMS
- : Matlab
- : Simulink
- : LabView
- : Genetic Algorithm
- : Neural Networks
- : Artificial Intelligence (AI)

TRAINING COURSES AND CERTIFICATIONS

- : PLC course at Egytronic Center.
- : SCADA course at IBM Center.
- : OSHA (Jan. 2012).
- : OCP at YAT Center at 15th of October (2009).
- : Deutsch course at AXON Center to level A2.
- : Study about factory line to form iron with MEP, SCHNELL and EGTS companies (from Apr. 2011 till Dec. 2011).
- : Study about transferring the asphalt batch plant from working with gasoline to work with natural gas with GASCO and MARINI Companies (from May 2012 till Oct. 2012).
- : Study about GPS and GPRS with Tracking Gate Company and applied it with GNCRB.
- : Study about fixing the asphalt mixer without removing it with Street Print and AMCO companies.
- : Occupational Safety and Health and secure work environment course at the General Federation of Trade Unions of Egypt Cultural Foundation unions (Jul. 2013).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2021 till now
- Employer** : First Flame, KSA
- Job title** : Director of Operations
- Job Description** : Managing LPG installation projects, Operation & Maintenance, Fire Fighting projects, Electromechanical Projects, Industrial Automation projects and low current projects.

Dates : From Feb. 2019 till now
Employer : ManWinWin Software
Job title : Partner
Job Description :

- Managing ManWinWin Projects in Kingdom of Saudi Arabia.
- Our company has more than 30 years of experience and know-how in maintenance management software (CMMS) development and implementation.
- Our experience, know-how and user-friendly software helps companies:
 - Organize the maintenance department.
 - Have a very practical approach when creating more efficient maintenance processes.
 - Schedule all maintenance interventions (with alerts).
 - Control and even reduce maintenance costs.
 - Keep track of all maintenance history.
 - Keep record of materials and spare parts used in maintenance.
 - Customize and monitor maintenance reports, analysis and KPIs.
 - Have a simple-to-use software that the maintenance team will easily work with.
 - Carry out a smooth project at a very competitive investment.
 - Have real results to show after only a few weeks of work ...
- We work with:
 - Industrial plants of any type (and any business sector).
 - Buildings of any type (hotels, resorts, office buildings, shopping centers, hospitals, ...).
 - Utilities companies.
 - Ports & Harbors.
 - Ship & Aircraft maintenance.
 - City Halls.
- ManWinWin Software is a brand owned by Portuguese maintenance management consulting company Navaltik Management Ltd.

Dates : From May 2019 till Aug. 2021
Employer : APSG Group, KSA
Job title : Projects Manager
Job Description : Responsible for key client projects, include the coordination and completion of projects on time within budget and within scope. Oversee all aspects of projects. Set deadlines, assign responsibilities and monitor and summarize progress of project. Prepare reports for upper management regarding status of projects.

Dates : From Jul. 2018 till May 2019
Employer : East Sun Company, KSA
Job title : General Projects Manager
Job Description : Managing company's projects.

Dates : From Oct. 2017 till Jul. 2018
Employer : Integrated Technologies LLC, KSA
Job title : Head of Automation and Controls Department

Dates : From Jan. 2017 till Apr. 2018
Employer : Integrated Technologies LLC, KSA
Job title : Project Manager
Job Description : Najran SCADA Project is a huge combination of design, installation and integration. Starting from installing instrumentation in sites (67 sites all over Najran city) to connecting them to programmable logic controllers (PLCs) then programming the sites according to our needs. Then transferring the signals via microwave links to central control room CCR. There is our complete SCADA system which consist of two redundant SCADA servers, database server, NTP server and a firewall. All these components are connected via redundant LAN. In CCR there are 6 clients, 4 printers, Access Control system and CCTV system with NVR. Also, in all stations we installed CCTV systems. We used Ignition SCADA to connect several types of PLCs like Siemens S7300, S7 1200, Omron, Glofa, Schneider and Opto22 PACs. All connected in the same platform along with CMMS for maintaining all equipment in sites. Our system can be viewed and controlled remotely through VPN server. We connected 7 stations through DreyTec devices. We successfully submitted the project to the ministry of Environment, water and Agriculture in KSA and looking forward for more projects.

Dates : From Jan. 2017 till Sep. 2017
Employer : Integrated Technologies LLC, KSA
Job title : Lead Automation Engineer

Dates : From Feb. 2016 till Jan. 2017
Employer : Al Jaber Group, KSA
Job title : Plants Manager
Job Description : Responsible for managing, maintaining and operating batch plants, managing new installations, preparing reports for management and tracking projects development cycle.

Dates : From Jan. 2011 till Jan. 2016
Employer : General Nile Company for Roads and Bridges (GNCRB)
Job title(s) : Field Engineer / Process Automation Engineer
Job Description :

- Field Engineer: Manage, Install and troubleshoot asphalt and concrete batch plants and maintain roads heavy machinery.
- Process Automation Engineer: Design SCADA systems and program PLCs.

Dates : From Jan. 2009 till Dec. 2010
Employer : IBM
Job title : Instructor of AutoCAD and Primavera

Professional Strengths:

- Extensive knowledge of designing and implementing automation tool and equipment.
- In-depth knowledge of SCADA, PLC and HMI configuration and equipment specification.

- Skilled in developing automation software for various operating systems.
- Extensive knowledge of automation system, functional and software design.
- Familiar with the testing and implementation of automation systems.

- Field of experience :**
- Automation & Control Engineering:
 - HMI/SCADA Configuration: RSView32, AB Panels, Wonderware, RSViewSE/ME, GE Cimplicity.
 - PLC Programming: SLC 500, AB PLC, Micrologix, Controllogix, Siemens, Softlogix, Vipa.
 - Industrial Networks and Communications: DH485, Ethernet TCP/IP, Controlnet, DH+, RS232, Devicenet, OPC Standard, Wireless.
 - Software Development:
 - Programming Languages: C, VB.NET, C#, Java, Visual Basic, SQL ANSI, JS, Python.
 - Databases: MSSQL, Oracle, SQLite, MYSQL.
 - Web Technologies: JQuery, ASP.NET, CSS, XHTML, XML, SOAP, WEB Frameworks, AJAX, IIS Administration.
 - Management and Modeling Tools: CVS, MS Office, BugZilla, GDocs.