Holds a B. Sc. in Computers & Systems Engineering and has about 6 years hands-on experience working in automation field. Has diverse knowledge of designing various electrical and mechanical equipment.

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
:	Working on Master's degree at Mansoura University (since Sep. 2012)

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 Feb. 2016 till now
Employer	:	Al Jaber Construction Limited, KSA
Job title	:	Plants Engineer
Job Description	:	• Responsible for supervising and maintaining batch plants, managing new installations and handling reports, orders and procurement.
		• Handling tasks of preparing project budget and cost control.
		• Study new quotations from suppliers, then make technical comparisons for purchasing or renting new machinery or equipment.
		• Managing batch plants production and input materials supply.

- Supervising and maintaining heavy machinery.
- Handling maintenance process (Preventive and Corrective) at JDE system.
- Assign and review the work of all mechanics and electricians in site.
- Ensure that the workshop is safely maintained, that all working areas are safe and that staff are fully trained to do their job efficiently and safely.
- Make recommendations regarding the recruitment, discipline and promotion of employees, authorize leave and overtime, advise employees on work related problems, evaluate and assess employee performance.
- Co-ordinate the need for maintenance and repair of operational equipment with other port employees at managerial level.
- Act as liaison with job estimator. Provide calculations, including hours involved and tons of materials needed, along with truck, plant and human resources required.
- Recognize and communicate to superintendent or project manager any priority projects or problems, such as employee or job-costing issues and complaints from the public.
- Coordinate, direct and lead workers engaged in paving or construction activities. Assign work to employees using material and worker requirements data.
- Supervise crews to obtain top-quality workmanship, efficiency, employee satisfaction, morale, communication, commitment, teamwork and pride.
- Review and verify employees time sheets and submits to the payroll officer on specified days. Ensures that hours assigned are accurate.
- Analyze and resolve worker problems and recommend motivational plans.
- Regularly communicates with maintenance staff about repair and maintenance needs on all major pieces of equipment on assigned jobs.

Dates	:	From Jan. 2011 till Jan. 2016
Employer	:	General Nile Company for Roads and Bridges (GNCRB)
Job title	:	Automation Engineer
Job Description	:	• Responsible for designing, programming, simulating and testing automated machinery and processes.

- Responsible for designing, programming, simulating and testing automated machinery and processes.
- Handle the tasks of preparing scheme design, control loop diagrams and C&E diagrams.
- Responsible for maintaining existing automation systems both, software and hardware.
- Perform responsibilities of providing technical support and guidance to trainees and junior engineers.
- Handle the tasks of preparing the project cost and budget control.
- Perform responsibilities of drawing functional design specifications for SCADA and MES systems.
- Providing technical reports and documentation, according to company standards.

Dates	:	From 2008 till 2009 (during education)
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.