Holds a B. Sc. in Electronics & Communications Engineering and has about 7 years hands-on experience working in installation, maintenance and support for all types of medical, laboratory and scientific instruments.

PERSONAL DATA

Nationality	**:**	Egyptian
Gender	**:**	Male
Residence	**:**	Giza, Cairo

EDUCATION

:	B. Sc. in Electronics & Communications Engineering, Mansoura University, 2009

LANGUAGES

Arabic	**:**	Native Language
English	**:**	Good

COMPUTER SKILLS

:	Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Nano technology courses (Cairo University):
- Nano electronics and spintronics.
- Advanced materials and nanomaterials.
- MEMS/NEMS technology and devices.
- Energy harvesting.
- Nano/Micro fabrication & Lithography tools.

: Embedded Hardware Design:
- Diploma on Embedded System at Embedded Fab.
- Interfacing & Automotive.
- Electronic circuits and digital design.
- PLC.
- Vacuum systems.

: Embedded Software Design:
- C & C++ & Embedded C & Assembly.
- Data Structure.
- Software Engineering.
- Testing and Validation.

: Basic Science: Physics & Electronics.

| | : | Desktop Programming:
| | | • Java SE & EE.
| | | • C#.
| | | • VHDL "Fund".
| | : | Networks:
| | | • Mobile Package (GSM – GPRS – CDMA – UMTS) certified "Jelecom A.D. Panasonic".
| | | • CCNA "640-802".
| | | • MCITP.
| | | • TCP/IP.

CHRONOLOGICAL EXPERIENCE RECORD

Dates	:	From Nov. 2013 till now
Employer	:	Arabian Group Representatives (Export – Import – Agencies for scientific and laboratory instruments)
Job title	:	Technical & Support Engineer
Job Description	:	• Installation, Maintenance and support for all types of medical, laboratory and scientific instruments and provide training and technical support for customers.
		• Designing and repairing electronic boards.
		• Sales and Tendering Engineer preparing quotations, technical and commercial offers for tenders regarding to clients (e.g. Armed Forces, Egyptian Airport, Manufactures, Egyptian scientific colleges, and governmental authorities …etc.) requirements and specifications.

Job title	:	Teaching Instructor (part time)
Job Description	:	Courses in Physics, Math, Electronics, Embedded system and Mechanics.

Dates	:	From Dec. 2011 till 2013
Employer	:	A.A.Alsharif Company (Export – Import – Agencies for scientific and laboratory instruments)
Job title	:	Technical Engineer
Job Description	:	Installation, Maintenance and support for all types of medical, laboratory and scientific instruments.

Dates	:	From 2010 till 2011
Employer	:	Sky Group Company (a subcontractor for major companies (Ericsson Egypt, Huawei…etc.) - Telecommunication Services)
Job title	:	Communication Engineer
Job Description	:	Installation and Maintenance for 3G wireless telecommunication devices, microwaves and all operations related to antenna towers.

Dates	:	2010
Employer	:	ICOE Company (International Company for Office Equipment)
Job title	:	Technical Engineer
Job Description	:	Installation & Maintenance of Panasonic telecommunication equipment as well as designing internal telephone networks for Governmental companies, authorities, ministries and other private companies.

Key Skills:

- Software and firmware design in C, C++, JAVA.
- Substantial knowledge of engineering principles.
- Provide technical and engineering support according to customer needs.
- Experience and skills in equipment maintenance, installation and qualification.
- Provide training and technical support for customers.
- Create specifications and process instructions for all stages of production/ manufacture.
- Prepare charts diagrams graphs and presentations to illustrate logistics issues.
- Develop various stages of fabrication for thin film mask blanks.
- Knowledge and hands-on experience in troubleshooting and the reparation of mechanical and electrical part and units.
- Analysing/designing/programming low-level, real-time, multi-threaded, DMA, UART, ADC/ DAC, PWM, hardware - interfacing, interrupt (ISR) software with Atmel AVR, Microchip PIC 18xxx.
- PCB layout and Microprocessor board design and programming.
- Development Tools: Microsoft Visual Studio, Borland, Eclipse, Netbeans 7.0, Win AVR, AVR Studio, CodeBlocks, mikroC, Keil C, Gnu, GCC, Proteus, MATLAB, Cadence, Comsol, Xilinix, Autocad and Solid Works.