



# Mohamed Nabil

BIOMEDICAL ENGINEER

To employ my knowledge with the intention of securing a professional career with opportunity for challenges and career advancement while gaining knowledge of new skills and expertise.

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- 📍 Dubai ,UAE
- 📄 Driving licence
- 🇪🇬 Egyptian
- ☎ 0544262923

## Languages

### Arabic



Native speaker

### English



Very good working commands

## Computer skills

### Microsoft office

## Skills

**Troubleshooting, Technical Support**

**Interpersonal communication, leadership, problem-solving, active listening, customer service**

## Education

From September 2009 to January 2015 **Bachelor of Biomedical Engineering**  
**Higher Technological Institute** Tenth of Ramdan City, Egypt

## Work experience

Since January 2021 **Biomedical Service Engineer**  
**Al Mazroui Medical & Chemical Supplies LLC** United Arab Emirates

Service engineer working with :

- \*Defibrillator
  - Medtronic : LifePak 20 , LifePak 20e
  - Philips : Heartstart , Efficia 100DFM
  - NihonKohden : Cardioline
- \*Ventilator
  - Drager : Savina 300, Infinity V500, Infinity V600, Evita
  - Aeomed : G70
- \*ECG
  - Philips : Page Writer Trim 3 , Trim TC30, TC50.
  - Nihon Kohden : Cardiofaxm
  - Space lab : CardioExpress SL12A
- \*Monitor
  - Space lab : Elance
  - Philips : Intellivue MX800
  - GE : CareScape one with B850 , CareScape with B850
  - Spo2 monitor : Medtronic (Capnostream 35)
- \*Infusion Pump : Hospira (plum 360)
- \*Feeding Pump : Abbott (Freego)
- \*Syringe Pump : Agilia
- \*Medication cart : capsula-solutions (Avalo)
- \*Electrical Bed : Hill Room , Arjohuntleigh

-Duties and Responsibilities :-

- \*Perform Preventive Maintenance (PPM) and CM.
- \*Repair electronic board.
- \*Test biomedical equipment.
- \*Install, troubleshoot problems and technically

## Work experience

From October 2018 to October 2020 **Sales and Field Service Engineer**  
**Care-Zone Medical** Cairo, Egypt

Sales and Field Service engineer working with :  
C-arm, X-ray, OR LED light and Autoclaves.

-Duties and Responsibilities :-

- \*Install new equipment.
- \*Perform onsite equipment repair.
- \*Test biomedical equipment.
- \*Perform preventative maintenance (PM) and CM.
- \*Provide technical customer support.
- \*Work and consult with clients and other engineers in order to assess needs and define requirements, systems and products.

\*I worked in a local production line of 100 L class B sterilization machine :

-Duties and responsibilities :-

A-Electrical Part:

- 1-Printing the circuit on PCB Board
- 2-Etching the PCB Board
- 3-Drilling holes in the PCB board for components
- 4-Soldering the components and tracks

B-Preparing the chassis and parts :

- 1-Execute the chassis and parts drawings with Metal Factory
- 2-Check all parts delivered from Metal Factory

C-Assembling Chassis and Parts:

- 1-Collecting and installing unit parts:  
(Base – Chamber – Solenoid Valves – Sensors – Heaters-coating -Vacuum System – Safety system,.... )
- 2-Connecting Circuit wires :  
( ON/OFF Main power – Power Board – Control Board – Solenoids – Heaters – Sensors,....)

D-Test the unit against electrical failure.

E-Doing the first calibration stage of the unit to check almost important parameters  
(Leakage-Vacuum sys-Safety sys-Heaters-Sensors-Pressure – Temperature – water level ) by Run two cycle.  
121 Temp at 1.1 Bar for 20 Minutes  
134 Temp at 2.1 Bar for 20 Minutes

## Work experience

From April 2016 **Biomedical Engineer**  
to October 2018 [New Damietta Military Hospital](#) Egypt

-Duties and Responsibilities :-

- \*Test biomedical equipment.
- \*Training staff and end user to use equipment safely.
- \*Maintaining equipment inventory for all existing & incoming equipment's.
- \*Keeping record of the Spares/consumable items.

From March 2015 to March 2016 **Junior Field Service Engineer**  
[Elezaby Medical](#) Cairo,egypt

Filed Service Engineer for radiology Devices :

- \*C-arm and X-Ray.
- \*Dental panorama.
- \*ECG and suction.

-Duties and Responsibilities :-

- \*Install new equipment.
- \*Perform onsite equipment repair.
- \*Test biomedical equipment.
- \*Perform preventative maintenance (PM) and CM.
- \*Provide technical customer support.
- \*Training staff and end user to use equipment safely.

From June 2013 to August 2013 **Trainee**  
[Center for software and biomedical engineering](#) Cairo, Egypt

- \*Medical Equipments.
- \*Electronics.

From October 2012 to December 2012 **Trainee**  
[Jelecom Egypt](#) Cairo, Egypt  
Micro-Controllers basic applications.

From June 2011 to August 2011 **Trainee**  
[Al-Salam International Hospital](#) Cairo, Egypt

- \*Hospital planning & Organization.
- \*Medical Equipment.
- \*Electronics.