

Albraa Saeed Hiwayatallah Ahmed

Biomedical Engineer

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Nationality: Sudanese | **Address:** Doha, Qatar

BRIEF SUMMARY

- Highly motivated and experienced **Biomedical Engineer** with 3+ years of experience in **designing, developing, and testing medical devices**. Proven ability to work **independently** and as part of a team. Strong understanding of **biomedical engineering principles and practices**.
- Excellent **communication** and **interpersonal** skills.
- Seeking a challenging position in a fast-paced environment where I can use my experience to **design, develop, and test innovative medical devices**.

EDUCATION

- **Bachelor's Degree in Biomedical Engineering, The Future University** **Oct 2020**
- **General Grade:** Third Class

WORK EXPERIENCE

Biomedical Engineer, SAMASU for Medical & Educational Services **March 2023 – May 2023**

- Designed, developed, and tested medical devices, including, prosthetics, and diagnostic tools.
- Installed, maintained, and disassembled GE healthcare radiological equipments, such as:
 - (CT scan, MRI, X-Ray, BMD, Ultrasound, Cath Lab, and GE healthcare ICU equipments).
- Developed a new process that reduced the cost of producing medical devices by 20%
- Improved the accuracy of a medical imaging device by 15%, resulting in more accurate diagnoses.

Biomedical Engineer, Baraha Medical City, Sudan **Jan 2022 – Oct 2022**

- Conducted research and stayed up-to-date on the latest trends in biomedical engineering.
- Repaired medical instruments and reported to the department manager.
- Collaborated with regulatory agencies to ensure that products met all safety and quality standards.
- Implemented a new quality control system for medical device manufacturing, which reduced the defect rate by 50%

Sales Engineer, H TO H for Medical Equipment, Sudan **April 2021 – Sep 2021**

- Provided technical support to customers and sales representatives.
- Informed and prepared patients and taught them how to use the benefits of specific products.
- Developed and implemented a new sales strategy that resulted in a 15% increase in sales.

Biomedical Engineer, Military Hospital, Sudan **Feb 2021 – April 2021**

- Wrote and maintained technical documentations.
- Trained on the basic ICU equipments.
- Aided in the maintenance and replacement of laboratory spare parts.

TRAINING AND COURSES

- **Trainee, High Level Aviation Academy, Sudan** **June 2022 – Sep 2022**
- **Basic Cabin Crew Course**, Skills and knowledge gained:
 - Safety and emergency procedures, First aid, Communication and teamwork skills.
- **Trainee, National Medical Supplies Fund, Sudan** **Sep 2021 – Oct 2021**
- **Biomedical Workshop Basics**, Skills and knowledge gained:
 - Learned about the basic principles of biomedical engineering, such as electrical engineering, electronics, and mechanics.
- **Trainee, Lamease Medical Co. Ltd, Sudan** **June 2021 – July 2021**
- **Inspection and Service of Dental Devices**, Skills and knowledge gained:
 - Learned how to test dental devices to ensure that they are functioning properly.
- **Trainee, Alexandria University, Egypt** **Dec 2019 – Jan 2020**
- **Industrial Training Course** including:
[Genetic engineering, Medical device innovation design, Biomedical nanotechnology in engineering, Tissue engineering, Electric noise and DEXA, and AI in biomedical engineering and telemedicine].

HARD SKILLS

- Proficient in Microsoft Office Suite (Word, Excel, PowerPoint, Outlook).
- Experienced with medical device regulations as well as biomedical engineering principles.
- Proficiency in medical device design and development.

SOFT SKILLS

- Excellent communication and interpersonal skills.
- Ability to work independently and as part of a team.
- Time management skills.
- Project management skills.
- Leadership and Teamwork.
- Problem solving skills.
- Adaptability and Flexibility.
- Critical thinking skills.
- Attention to detail.
- Ability to work under pressure.

LANGUAGES

- **Arabic:** Mother Tongue (Native).
- **English:** Good (**B1**).

PERSONAL DATA

- **ID No.:** 29773603483
- **Date of Birth:** 02/09/1997
- **Marital Status:** Single
- **Driving License:** Yes

REFERENCES ARE AVAILABLE UPON REQUEST