

AWAB OSMAN

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[LinkedIn Profile](#)

Dedicated Mechatronics Engineer with a results-oriented mindset, aiming to contribute engineering expertise to a dynamic team. Bringing meticulous attention to detail and a strong track record in maintenance, design, and systems integration for operational success and continuous improvement.

Professional Experience:

General Maintenance Engineer

Taweel Star Factory, Khartoum

03/2022 - 04/2023

- Conducted routine and emergency maintenance of low-voltage systems, CNC machines, and production lines.
- Managed installation, troubleshooting, and repair of various machinery, contributing to a 20% reduction in unplanned downtime.
- Upheld stringent maintenance protocols, resulting in a 25% increase in critical machinery lifespan.

MEP Systems Designer

UGC International, Khartoum

06/2021 - 03/2022

- Collaborated with design engineers to deliver accurate drawings for MEP projects.
- Standardized and executed virtual design coordination for HVAC, Mechanical, Plumbing, and Piping.

Education:

Bachelor of Mechatronics Engineering

The Future University, Khartoum

11/2015 – 01/2021

Certifications:

- Mini master degree in mechanical, Electrical, and Plumbing (MEP)
- Certified SolidWorks Designer
- Autodesk AutoCAD Designer
- Professional Safety Engineer
- Certified Programmable Logic Control Engineer
- Autodesk Revit Designer
- Safety and Firefighting Manager

Skills:

- Problem-solving
- Time Management
- Adaptability
- Multitasking
- Fast Learning
- Leadership

Languages:

- Arabic: Native or Bilingual Proficiency
- English: Professional Working Proficiency

Interests:

- Electronics
- Designing
- Cybersecurity

Personal Projects:

Automatic Convertible Umbrella

05/2020 - 10/2020

- Engineered a graduation project that received an A+ grade and was recognized among the top 10 at university