

## RESUME

# Mujahid Elfaki

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## PROFESSIONAL SUMMARY

Electrical Engineer with extensive experience in medium voltage substations, production lines, and electrical power systems. Proven ability to enhance operational efficiency through proactive maintenance and troubleshooting. Skilled in routine inspections, preventive maintenance, and quality control, Solid background in Building Services Engineering, including Mechanical, Electrical, and Plumbing (MEP) systems as well as solar systems. Strong background in sales and marketing, with a commitment to continuous self-development and knowledge acquisition.

## PROFESSIONAL EXPERIENCE

### Sales Engineer

Bamani Lifts Company, KSA

February 2024 - Present

- Manage maintenance and service operations to ensure client satisfaction.
- Collaborate with sales and marketing teams to drive product awareness and revenue growth.

### Electrical Engineer

Amipharma Laboratories Ltd, Sudan

December 2020 - December 2023

- Supervised production operations for pharmaceutical manufacturing lines, ensuring compliance with safety and quality standards.
- Managed HVAC systems, including central air conditioning units (AHUs), control devices and (CDC) systems.
- Participated in MEP design projects and coordinated civil maintenance activities.
- Developed training programs to enhance team capabilities.

### Maintenance Engineer

Sudanese Electricity Distribution Co. Ltd

December 2019 - December 2020

- Conducted maintenance on substations, including switchgears, transformers, and auxiliary devices (auxiliary transformers, capacitor banks, DC chargers, batteries...ext.).
- Implemented device protection and participated in substation installation and testing.
- Contributed to the operation section and transformers maintenance workshop, ensuring optimal performance of electrical systems.
- Worked on automatic control systems (RTU & SCADA).
- Utilized Geographic Information Systems (GIS) for maintenance planning and documentation.

### Operation Engineer

Al Fakher Furniture Manufacturing Co.

April 2019 - October 2019

- Managed CNC router operations and ensured quality production.
- Provided exceptional customer service and resolved inquiries related to products and services.

## **On-the-job training (OJT)**

Sudanese Electricity Distribution Co. Ltd — OJT

October 2016 - November 2019

- Engaged in various on-the-job training positions, enhancing technical and operational skills across different departments.

Ministry of oil and Gas — OJT - May 2017

Sudanese Electricity Transmission Co.Ltd — OJT - April 2016

Sudanese Hydro & Renewable Energy Generation Co. Ltd — OJT - April 2016

## **EDUCATION**

**Bachelor of Science (Honors) in Electrical Engineering (Power and Machines)**

Sudan University of Science and Technology, 2019

**Mini Master Program in Building Services Engineering (Mechanical, Electrical, Plumbing Systems - MEP)**

Top Leaders Training Center, 600 hours - 2021

## **TRAINING COURSES**

- Good Manufacturing Practice (GMP) & Good Documentation Practice (GDP)  
Amipharma Training Center
- Generator Operation & Maintenance - Exemplar Center for Engineering Training
- Medium Voltage Switchgear - Schneider Electric
- Strategic Planning - Edraak
- Creative Thinking, Innovation, and Renewal - Edraak
- International Computer Driving License (Base) - Specto Company
- First Aid in Community - Sudanese Red Crescent
- Advanced English Language and Communication Skills - Vision Center

## **MEP TECHNICAL COURSES**

Building Service Engineering, Mechanical, Electrical and Plumbing

August 2020 - February 2021

- Project Management Fundamentals
- Plumbing & Gas Supply System
- Integrated Safety Management (OSHA – IOSH – ISO 45001)
- Design of Building Services Systems
- Fire Fighting and Alarm Systems
- Heating, Ventilating Air-Conditioning Systems (HVAC)
- Lighting and Electrical Installation Systems
- Installation of Building Service Systems
- CCTV & Low Voltage Systems
- Elevators & Electromechanical Systems
- BMS & Automation Systems in Building
- Tests & Standards Commissioning
- Operation and Maintenance of MEP Systems
- Autodesk AutoCAD Software
- Design MEP Systems using Revit Software

## MEMBERSHIPS AND PARTICIPATIONS

- Registration in Saudi Council of Engineers - 2024
- Member of Sudanese Environment Conservation Society (SECS) - 2022
- Registration in Sudan Engineering Council - 2020
- Member of Sudanese Engineering Society (SES) - 2020
- Member of Sudanese Red Crescent Society (SRCS) - 2017
- Member of Electrical Engineering Society (SUST-EES) - 2014

## TECHNICAL SKILLS

**Software:** Autodesk AutoCAD, Autodesk Revit, Hourly Analysis Program (HAP), DuctSizer Calculation, PipeSizer Calculation, Elite Firefighting calculation, DELAUX Lighting Calculation, Ecodial Advance Calculation, MATLAB SIMULINK Programing, C \ C++ Languages Programing, PLC Programing, Adobe Illustrator, CorelDRAW, Adobe Photoshop

## Languages

- Arabic: Native Proficiency
- English: Professional Working Proficiency
- German: Limited Working Proficiency

## SKILLS

- Electrical Power Systems
- Medium Voltage Substations
- Mechanical, Electrical, and Plumbing (MEP) Systems
- Solar Energy Solutions
- Preventive Maintenance
- Troubleshooting and Problem-Solving
- Sales and Marketing Strategies
- Team Collaboration and Leadership
- Strong communication skills and effective teamwork capabilities
- Ability to work under pressure
- Multi-tasking proficiency
- Proficient in report writing and computer skills

## REFERENCES

Available upon request.