


ABDELRAHMAN ABDALLAH BABIKER ELAWAD

Electrical Engineer | MEP Engineer | Maintenance & Operation |
Facilities Engineer
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Summary

- Highly motivated and results-oriented Electrical Engineer with experience in facilities management, power systems protection, and generator maintenance. Skilled in problem-solving, troubleshooting, and ensuring system efficiency and safety. Eager to leverage technical expertise and strong communication skills to contribute to innovative electrical engineering projects. **Available to join immediately with a valid transferable iqama and a membership of saudi council of engineers.**

Languages

- Arabic - Native.
- English - Professional.

Education

- B.Sc in Electrical Engineering** 2022
Sudan University of Science and Technology.

Experience

- Saudi Facilities Management Company** 9/7/2024 - 1/10/2024
Facilities Supervisor (Trainee)
 - Developed and implemented comprehensive maintenance plans for critical facility systems.
 - Oversaw daily maintenance of HVAC, electrical, plumbing, and building systems, ensuring compliance with safety regulations.
 - Identified and addressed potential issues through regular inspections, preventing costly repairs.
 - Managed vendor relationships, negotiated contracts for equipment and services
 - Developed and implemented energy conservation initiatives that reduced operating costs
- Sudanese Electricity Distribution Company** 22/1/2023 - 6/3/2023
protection Engineer Trainee
 - Maintained and troubleshooted protection equipment, ensuring system reliability.
 - Tested and commissioned new protection systems to verify functionality and performance.
 - Performed switchgear operation and maintenance, including protective relay and communication systems, at different voltage levels.
 - Analyzed system protection coordination and conducted short circuit studies using manual calculations and ETAP software.
- Advanced Power Systems Co.(APS,JCB)** 12/4/2022 - 12/10/2022
Service Engineer Trainee
 - Performed routine maintenance on generators, adhering to manufacturer's recommendations.
 - Diagnosed and repaired electrical & mechanical faults, restoring generator functionality.
 - Conducted load bank testing at customer -sites to ensure generators met required electrical load.
 - Developed positive relationships with customers, providing excellent service and exceeding expectations.
 - Maintained accurate service reports and repair logs for comprehensive maintenance records

Courses

- Generators**
Exemplar training and consultancy limited.
- Professional Classic control**
Exemplar training and consultancy limited.
- Electrical installation design for building and facilities**
Exemplar training and consultancy limited.
- MEP Engineering (Building services engineering)-mini master**
Top leaders training center.

- **Facility management professional**
Professionals Point training.
- **Maintenance, Reliability and Asset Management**
RES Global.

Volunteering

- **Volunteer**
Takaful ORG.
May 2018 - present

Participation in all Takaful projects and events.
- **Takaful Community Head**
Takaful ORG.
Feb 2022 - mar 2021

-Led and managed the Takaful community at Sudan University, overseeing seasonal and permanent projects.
-Inspired and motivated members to actively participate and contribute to the community's goals.
-Managed budgets, expenses, and ensured the financial health of the community.
- **Project Committee Officer**
Takaful ORG.
Jul 2019 - aug 2019

-Led a committee focused on promoting charitable awareness among school students.
-Developed and implemented strategies to educate students about social responsibility and encourage participation in charitable initiatives.
-Managed project timelines, budgets, and resources to ensure successful execution.
-Facilitated effective communication and collaboration among team members and stakeholders.

Skills

- Great ability to work with a team.
- Good communication skills.
- Attention to details.
- Fast learning.
- Ability to handle multiple loads in fast speed environment.
- Perform duties with accuracy, independently and confidentially.
- Project Management.
- Planning and Organizing skills.
- Operations and Maintenance.
- Simulation softwares.(MATLAB, ETAP).
- MEP softwares.(REVIT, AUTOCAD, DIALUX).

Reference

- **References are available upon request. Feel free to reach out for additional information or references to support my qualifications and professional experience. - ""**