

# HussamEldin SALAH

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## Electrical Engineer

### SUMMARY

Detail-oriented Electrical Engineer with 4+ years' experience in residential, commercial, and industrial projects. Proven expertise in wiring, maintenance, and troubleshooting-ensuring safety, regulatory compliance.

### EXPERIENCE

AL ALIA Facility Management Company, *Electrical Technician*, 6/2025 ~ Present  
State Mosque Mohammed Bin Abdul Wahab, Al-Dafnah, Qatar

- Repaired LV panels, SMDBs, MDBs, DBs, MCC Panels (DOL, star-delta, VFD & soft-starter), and lighting systems.
- Performed installation, inspection, testing and repairing of electrical systems across mosque facilities (lighting, distribution boards, sockets and emergency lighting).
- Diagnosed faults in wiring, control panels, and motor starters.
- Maintain logbooks, inspection checklists, and maintenance records accurately.
- Coordinated with contractors, tenants, and facility teams for maintenance and project works.

AL Hammam Contracting Company, *Electrical Technician*, Barkat  
Awamer, Qatar

2/2024~  
5/2024

- Oversaw installation, testing, and commissioning of LV electrical systems in residential and industrial projects
- Replaced faulty wiring, switches, and circuit breakers, reducing fire risks by 30%, improving service capacity by 25%, and enhancing system versatility for end users
- Interpreted electrical schematics and blueprints for over 10 major projects.
- Scheduled preventive maintenance and corrective repairs on electrical systems
- Collaborated with engineers and supervisors to ensure timely and compliant project delivery

Morouj Commodities Company, *Electrician*, Bahry Industrial Area, Sudan.

4/2021 ~ 5/2023

- Installed and maintained wiring, conduit, fixtures, and motor control centers in production lines, ensuring continuous operation of critical systems.
- Performed voltage, current, and insulation resistance testing using voltmeters and ohmmeters.
- Prepared comprehensive maintenance reports for regulatory inspections.
- Enforced strict adherence to safety regulations and codes during project execution, resulting in zero safety violations

MOAWIA EL-BERIER Dairy & Starch Company, German-Sudanese factory,  
**Production Technician - Blow Mold, Filler Operator**, Khartoum, Sudan.

11/2019 ~ 10/2021

- Operated and monitored blowing machines, producing 10,000+ high-quality plastic containers daily for milk packaging while achieving a defect rate of less than 2%.
- Ensured continuous operation of milk production lines and fillers, maintaining a steady output of 500 liters per hour and reducing production interruptions by 10%
- Conducted routine inspections and performed preventive maintenance, reducing machine downtime.
- Expertly managed various types of blows molding machines, facilitating seamless rotation between four production lines.

## EDUCATION

Bachelor of Science, Major in Electrical and Electronics Engineering  
International University of Africa, Khartoum, Sudan

9/2018

## SKILLS

- Electrical installation & troubleshooting (LV/HV)
- Blueprint & schematic reading (AutoCAD)
- Preventive & corrective maintenance
- PLC programming & diagnostics (Siemens, Allen-Bradley, Honeywell)
- VFD & motor control circuits
- Qatar standards compliance
- Project coordination & teamwork
- Analytical problem-solving & attention to detail
- Documentation

## LANGUAGES

English  
Proficient

Arabic  
Native

## PROFESSIONAL TRAINING

- Advanced English, Cambridge International Training Center, , Sudan, 1/2023 ~ 2/2023
- Electrical Distribution Training, Sudanese Electricity Distribution Company - Rosaries Dam, Rosaries Dam, Sudan, 1/2018 ~ 2/2018
- Industrial Maintenance Training, Kenana Sugar Company, Kenana Sugar Factory, Sudan, 7/2016 ~ 8/2016