

MOHAMMED NASERELDIN JARMA

Electrical Engineer | Renewable Energy | Power Systems

Licensed by the Saudi Council of Engineers (SCE)

Contact Details:

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- **Location:** Saudi Arabia

PROFESSIONAL SUMMARY

Motivated and result-oriented Electrical Engineer licensed by the Saudi Council of Engineers. Extensive experience in power systems, electrical installations, and renewable energy solutions. Proven track record in optimizing procurement processes, reducing project timelines by 20%, and enhancing workshop efficiency by 30%. Expert in troubleshooting complex electrical faults and ensuring full compliance with international safety standards.

CORE COMPETENCIES

- Power Distribution (LV/MV) & Transformer Installation.
- Renewable Energy Systems (Solar PV).
- Facility Management (HVAC, BMS, Access Control).
- Generator Operations & Maintenance (up to 1250 kVA).
- Project Management & Safety Protocol Enhancement.

PROFESSIONAL EXPERIENCE

Electrical Engineer | Sofra Najd Company | Jeddah, KSA

May 2025 – Present

- **Facility Infrastructure Management:** Lead technical operations for complex facility infrastructure, ensuring 100% operational uptime.

- **HVAC & Power Systems:** Oversee comprehensive maintenance for HVAC systems (VRF, Chillers, Split Units) and LV/MV electrical distribution networks.
- **Systems Integration:** Manage light current systems, including BMS and Access Control, to optimize energy consumption and security.
- **Power Generation:** Supervise the operation and preventive maintenance of high-capacity generators (200-1250 kVA).

Electrical Engineer | Tall Electrical Contracting Company | Sudan

July 2024 – November 2024

- **Infrastructure Projects:** Executed the installation of electrical transformers and laid underground cable networks across various project phases.
- **Technical Compliance:** Guaranteed adherence to technical specifications and safety standards for all electrical equipment installations.
- **System Protection:** Implemented protective devices within the power network to enhance system stability and reliability.

Electrical Engineer | Sudatel | Sudan

April 2024 – July 2024

- **Renewable Energy:** Diagnosed and maintained solar energy systems and generators, supporting sustainable energy initiatives.
- **Network Maintenance:** Provided technical support for electrical infrastructure, reducing downtime through efficient troubleshooting.

Assistant Engineer | Sudan Electrical Distribution Company | Sudan

July 2022 – November 2022

- **Grid Reliability:** Conducted maintenance on low and medium voltage (LV/MV) overhead lines to ensure uninterrupted service for consumers.
- **Preventive Maintenance:** Performed scheduled inspections on transformers and main distribution panels, increasing system efficiency and safety.

KEY ACHIEVEMENTS

- **Efficiency Boost:** Reduced workshop downtime by 30% and equipment expenses by 15% within six months.
- **Project Delivery:** Supervised a team that successfully reduced project delivery time by 20%.
- **Safety Excellence:** Enhanced safety protocols, resulting in a 25% decrease in workplace incidents.

EDUCATION

- **Bachelor of Electrical Engineering** | Sudan International University | 2022
- **High School Diploma** | King Abdulaziz Secondary School | Mecca, KSA

TECHNICAL SKILLS & LANGUAGES

- **Software:** AutoCAD, Revit (BIM), MATLAB, ETAP, Deep Sea (DSE) Controller, MS Office 365.
- **Languages:** Arabic (Native), English (Advanced).