

Mohamed Al-Mubarak

Electrical Engineer

Eastern Province, Al-Khobar, Saudi Arabia

Nationality: Sudanese

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Transferable Iqama

Registered Electrical Engineer – Saudi Council of Engineers (SCE)

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Professional Profile

Result-driven and technically proficient Electrical Engineer with over 9 years of experience in residential, commercial, and industrial construction projects—including several years in the Saudi housing sector. Demonstrated expertise in managing end-to-end electrical scope, contractor supervision, BOQ execution, material approvals, progress billing, and stakeholder coordination. Strong knowledge of SBC-401 and electrical compliance standards. Good understanding of BMS (Building Management Systems) and its integration within MEP services. Proven record in leading cross-functional teams, executing site works, and ensuring project delivery within scope, time, and budget. Currently pursuing PMP certification to deepen leadership capabilities in project management.

Education

Bachelor of Electrical Engineering

Sudan University of Science and Technology – 2016

Professional Certifications & Courses

- PMP – Project Management Professional (in progress)
- SBC-401 Electrical Code Familiarization (self-study)
- Revit MEP & BIM Fundamentals (in progress)
- AI Tools for Engineers (for reporting, tracking & automation)

Professional Experience

Electrical Engineer

Building Construction Company (BCC), Retail Group – Saudi Arabia

Oct 2023 – Present

- Managing full electrical scope of work for Roya Al-Nakheel Project (68-unit residential complex); currently in snagging phase. **20/06/2025**
- Leading BOQ execution, vendor coordination, site supervision, and progress monitoring.
- Executing electrical systems for 10 luxury villas in Ewan Al-Nakheel, including power, lighting, and LV systems.
- Managing VIP villa project for Sheikh Abdulaziz Al-Braikan with focus on high-spec MEP installations.
- Ensuring SBC-401 compliance, issuing technical submittals, and resolving site challenges with civil and architectural teams.

Technical Office Manager / Consultant

Al-Shorouq Co. for Industry – Sudan

Apr 2022 – Apr 2023

- Led documentation, shop drawings, and engineering evaluations for industrial projects.
- Reviewed tenders, prepared technical proposals, and coordinated implementation schedules.

Senior Project Engineer – Electrical Works

Al-Shorouq Co. for Industry – Sudan

Oct 2018 – Apr 2022

- Oversaw installation of 2x2MVA transformers and 4x1MW generator synchronization systems.
- Supervised RMU setup, cable laying, and panelboard optimization for production expansion.

Electrical Site Engineer

Mina Metal Pipe Factory – Sudan

2017 – Oct 2018

- Delivered full MEP installation for three production lines.
- Upgraded protection and control systems, improving operational efficiency and safety.

Core Skills

- Electrical Construction Management
- Project Planning & BOQ Execution
- Site Supervision & Contractor Management
- MEP Coordination | SBC-401 Compliance
- Material Submittals & Vendor Approvals
- Progress Billing & Quantity Takeoff
- AutoCAD | ETAP | Dialux | Microsoft 365
- BIM Collaboration | Revit (in progress)
- Team Leadership | Technical Reporting

Key Achievements

- ✓ Delivered electrical scope for 68-unit residential complex on schedule
- ✓ Executed electrical works for VIP villa projects with zero NCRs
- ✓ Supervised multi-villa construction simultaneously with full compliance
- ✓ Integrated AI tools to enhance reporting and task automation on site

Languages

- Arabic – Native Speaker.
- English – Fluent (Professional Working Proficiency).

References

Eng. Naji Ibrahim

MEP Manager – BCC

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