

Aby Sebastian

Electrical & Electronics Engineer | B.E. & Diploma

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Bu Hamour, Doha, Qatar

Career Objective

Electrical Engineer with over 5 years of experience in site supervision, project coordination, and execution of electrical systems in residential, commercial, and utility projects. Skilled in HT/LT system installation, smart metering (AMI), MCCB/DB/SMDB installation, and electrical drawing analysis. Committed to delivering quality work with a strong focus on safety, compliance, and technical accuracy. Seeking an opportunity to contribute my expertise to a progressive organization in the electrical industry.

Professional Experience

JAK Construction Co. W.L.L., Doha, Qatar

Electrical Engineer (Project Coordinator)

Oct 2022 – Present

- Coordinated and executed electrical works for large-scale infrastructure and housing projects.
- Supervised installation and commissioning of smart meters (AMI), land load meters, MCCBs, DBs, and SMDBs.
- Reviewed IFC/shop drawings to ensure technical compliance on-site.
- Managed procurement, material delivery, and consultant approvals.
- Prepared red-line/as-built drawings, QA/QC reports, and daily progress logs.
- Ensured all work met safety codes and project schedules.

Verdant Contractors (KSEB Projects), Kerala, India

Electrical Engineer – Estimation & Supervision

Apr 2020 – Sep 2022

- Created BOQs, estimates, and documentation for transformer and electrification projects.
- Supervised HT/LT line erection, transformer installation, and service cable terminations.
- Managed smart meter installations and ensured load balancing per KSEB standards.
- Conducted site inspections and ensured accurate execution as per drawings.

Kerala State Construction Corporation, Kerala, India

Electrical Engineer – Site Supervision

Apr 2019 – Mar 2020

- Supervised electrical works in government facilities including lighting, wiring, and panel installations.
 - Oversaw installation of DBs, SMDBs, and safety equipment.
 - Maintained test reports, compliance documentation, and installation records.
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Education

B.E. in Electrical & Electronics Engineering

Alagappa Chettiar Govt. College of Engineering & Technology, Karaikudi

Diploma in Electrical & Electronics Engineering

JDT Islam Polytechnic College, Kozhikode

Technical Skills

- Electrical Project Coordination & Site Execution
 - Smart Metering (AMI), MCCB/DB/SMDB Installation
 - HT/LT Electrical Systems & Transformer Setup
 - Load Calculations, BOQ Preparation, Estimation
 - Cable Routing, Laying & Termination
 - SCADA Systems & Substation Automation
 - Energy Management Systems (EMS)
 - Siemens UDIS, EnergyIP
 - Electrical Load Analysis Software
 - AutoCAD Electrical
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Certifications & Training

- Diploma in MEP Engineering
- AutoCAD Electrical Certification
- Industrial Training in Electrical Maintenance & Supervision

Internships

- KSEB – TMR Division, Kottayam: Gained practical exposure to transformer diagnostics and relay testing.
- NHM – Industrial Electrification Project, Palakkad: Assisted in electrical panel wiring and installation.