

# Aby Sebastian

**Electrical & Electronics Engineer | B.E. & Diploma**

+974 3109 7417 | abyclt11@gmail.com

Bu Hamour, Doha, Qatar

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## 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.

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## 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

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## **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.