

SHIBASHIS MONDAL

Electrical Engineer | MEP Project Execution | Electrical Reliability

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Date of Birth: 16th Sept, 1999



PROFESSIONAL SUMMARY

Electrical Engineer with nearly 2 years of professional experience in industrial infrastructure, warehouse expansion, cold storage projects, and metro rail projects. Currently working as Engineer – MEP while independently managing project execution responsibilities in a live operational warehouse environment, including stakeholder coordination, vendor management, electrical expansion, safety compliance, and cold room erection activities. Experienced in electrical project execution, commissioning, preventive maintenance, power distribution systems, and reliability improvement with strong exposure to CAPEX coordination, SAP inventory management, and cross-functional collaboration with EPC contractors, OEMs, vendors, and client teams.

CORE COMPETENCIES

- MEP Project Execution & Coordination
- Electrical Project Engineering & Commissioning
- Preventive & Predictive Maintenance
- HT/LT Power Distribution Systems
- Reliability Improvement & Downtime Reduction
- Electrical Safety & Compliance Audits
- Load Calculation, Cable Sizing & SLD Review
- CAPEX Coordination & Vendor Management
- SAP Inventory & Spare Planning
- AutoCAD & Electrical Documentation

PROFESSIONAL EXPERIENCE

Bureau Veritas Pvt. Ltd. | Engineer – MEP

Coimbatore Cold & Dry Project (Client: Flipkart) | Apr 2026 – Present

- Acting as Project Execution Lead for MEP activities in a running operational warehouse environment.
- Managing execution of warehouse expansion and cold room erection activities as per approved drawings and specifications.
- Coordinating with vendors, contractors, and client stakeholders to ensure seamless execution without operational disruption.
- Handling electrical expansion works including power distribution extension, FAPA expansion, and integration of newly erected cold rooms and racking systems.
- Monitoring execution quality, safety compliance, work progress, and project coordination activities at site.
- Supporting commissioning, documentation, and project handover activities.

Kochi Metro Project | Jul 2025 – Apr 2026

- Performed maintenance and reliability improvement activities for transformers, MDBs, SMDBs, APFC panels, VCBs, ACBs, DG sets, cranes, and power tools.
- Executed preventive maintenance and testing of transformers and switchgears to improve equipment availability and reduce breakdowns.
- Designed electrical layouts including load calculations, cable sizing, earthing layouts, and power distribution planning.
- Conducted electrical safety audits and maintained ISO audit documentation.
- Prepared SLDs and BOQs for electrical expansion and operational requirements.
- Managed spare inventory and procurement activities using SAP.
- Reduced downtime through implementation of structured preventive maintenance schedules.

Kanpur Underground Metro Project | Jul 2024 – Jul 2025

- Reviewed design and supervised erection activities of 33kV/11kV substations.
- Participated in commissioning and decommissioning activities of HT substations.
- Maintained reliable electrical power distribution systems ensuring uninterrupted operations.
- Worked as Electrical Shift In-Charge leading electricians and junior engineers for TBM electrical operations.
- Coordinated with subcontractors for maintenance and operation of transformers, MDBs, VCBs, and ACBs.
- Managed procurement and inventory planning of critical electrical spares using SAP.

EDUCATION

B.Tech in Electrical Engineering | Budge Budge Institute of Technology | 2024 | CGPA: 7.34

Diploma in Electrical Engineering | APC Roy Polytechnic, Jadavpur | 2020 | CGPA: 8.6

CERTIFICATIONS & TRAINING

- Pursuing Autodesk Revit – Beginner to Advanced Level
- Pursuing Autodesk AutoCAD – Ultimate Electrical Design

TECHNICAL SKILLS

Electrical Design Review, SLD Preparation, Load Calculation, Cable Sizing, HT/LT Distribution Systems, Preventive & Corrective Maintenance, Electrical Audits, SAP MM, AutoCAD, MS Excel, Word, PowerPoint, Troubleshooting & Reliability Improvement

ADDITIONAL INFORMATION

- Languages: English, Hindi, Bengali
- Experienced in coordination with EPC contractors, OEMs, vendors, and client teams
- Experienced in project execution within operational industrial environments