



SUBHANKAR MONDAL

📍 Howrah, West Bengal 711302

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SUMMARY

A highly experienced and results-driven **Electrical Engineer** with over **16 years** of experience in **Operation & Maintenance (O&M), Manufacturing and Facilities Management (FM)**. Proven success in managing complex technical environments, including MEP Engineering, Construction Project Management, and the O&M of specialized equipment like Genset, Injection Molding M/Cs, Micro-Breweries, Packaging Plants and Utilities. Adept at budget preparation, cost control, MIS reporting, and ensuring zero equipment downtime. Possesses strong leadership, team management, and vendor management skills coupled with a consistent and honest work ethic dedicated to achieving organizational goals.

SKILLS

- Technical skills
- Project management skills
- Organizational skills
- Leadership and interpersonal skills
- Problem solving skills
- Communication skills
- Team working skills
- Engineering Procurement
- Inventory management
- Documentation and Record-keeping

TECHNICAL EXPERTISE & CORE COMPETENCIES

- **Power Generation & Electrical Systems:**
Diesel Engines (Wartsila, Kirloskar, Cummins), Alternators, Transformers, Synchronizing of Alternators, AVR, Capacitor/Battery Banks, Circuit Breakers, VFD, APFC, MCC, PCC Panel, Centrifuge Oil Purifier, Rooftop/Shading Solar system.
- **Automation & Control:**
PLC, SCADA & HMI.
- **Plant & Mechanical Equipment:**
Cooling Towers, PHE, Air Compressors, EOT Cranes, Turbocharger, CAC, Fuel Booster Module, Different Pump Sets & Motors, Chiller Plant, Steam Generator & Electric Boiler.
- **Manufacturing & Production Machinery:**
Injection Molding Machine (Ferromatik, Haitian, L&T), Respiratory Mask Making Machine, Milling Machine, Micro-Brewery, Packaging Plant, Kegerators, Keg Washing/Filling Machine.
- **Facilities & Utilities:**
WTP (Softener, RO, ETP, STP), HVAC, AHU, FAHU, FAS, CMMS, Chiller plant.
- **Quality & Safety Management:**
5S, TPM, KAIZEN, Six Sigma, Firefighting System, ISO Documentation, MIS, PPE, HIRA, LOTO, CAPA, FIFO, SOP & Trainings, Tool Box Talk.

EXPERIENCE**SOLAR ENERGY ENGINEER, 08/2024 - Current****Solatide Energy Pvt. Ltd.,** Krishnanagar, West Bengal

- Designed and implemented solar energy systems to optimize energy efficiency and cost savings.
- Conducted site assessments to evaluate solar potential, ensuring feasibility for projects.
- Performed energy yield calculations to project expected performance of solar installations.
- Ensured compliance with regulatory standards and safety protocols during project execution.
- Executed troubleshooting and maintenance procedures to resolve system malfunctions.

CORPORATE MANAGER (OPERATION & MAINTENANCE), 11/2018 - 07/2024**Karnani FnB Specialities LLP,** Kolkata, West Bengal

- Overseeing routine and preventive maintenance of building systems, process equipment & infrastructure.
- Overseeing the planning, scheduling and execution of MEP related works to ensure it stays on track and within budget.
- Creating and managing the budgets for project operations, facility operations and maintenance.
- Tracking expenses and making adjustments to prevent cost overruns.
- Sourcing, negotiating and overseeing contracts with external service providers.
- Enforcing health and safety protocols on site to ensure a safe working environment.

SHIFT-IN-CHARGE (PRODUCTION & MAINTENANCE) & SAFETY OFFICER, 08/2016 - 10/2018**Intech Safety Pvt. Ltd.,** Dhaniakhali, West Bengal

- Planning and organizing production & maintenance schedules.
- Estimating, negotiating and agreeing budgets and timescales with clients and managers.
- Ensuring that health and safety regulations are met.
- Overseeing production processes.
- Selecting, ordering and purchasing materials.
- Organizing the repair and routine maintenance of production equipment.
- Organizing relevant training sessions.
- Vendor development and handling.

SR.ENGINEER (OPERATION AND MAINTENANCE), 03/2010 - 01/2016**Kirloskar Oil Engines Ltd.,** Haridwar, Uttarakhand

- Planning and execution of periodic maintenance of a Captive power plant machineries & utilities.
- Design maintenance strategies, procedures and methods.
- Control maintenance tools, stores and equipment.
- Prepare SOPs to maintain the appropriate operation of equipment.
- Maintain logbook on daily operation and ensure healthy working of machines.
- Deal with emergencies, unplanned problems and repairs.
- Improve health and safety policies and procedures.
- Work with specialist equipment like PLC, Governor, Centrifuge purifier, etc.
- Prepare maintenance strategies to help with installation and commissioning guidelines.
- Ensure there is continuous cover of the machinery and equipment in case of breakdowns.

SHIFT ELECTRICAL ENGINEER, 09/2008 - 03/2010**Chandan Steel Ltd.,** Umbergaon, Gujarat

- Complete operation & maintenance on routine basis.
- Respond promptly and efficiently on arise of any faults during operation.
- Diagnosis energy consumption of all plants.
- Perform preventive maintenance to ensure equipment is functioning properly and is in compliance with safety standards.
- Maintaining complete & accurate operational records in logbook.
- Giving proper handover to the next shift and also take regular briefing of the shift staff.
- Responsible to take decision when the engineering chief and managers are not available.
- Maintain maintenance inventory and requisition parts and supplies as needed.
- Maintain maintenance tools, stores, equipment and working areas in good condition.
- Prepare SOPs to maintain the appropriate operation of equipment.

EDUCATION AND TRAINING

B.P.C.INSTITUTE OF TECHNOLOGY, West Bengal, 05/2005 - 06/2008
DIPLOMA IN ELECTRICAL ENGINEERING

GPA: 84%

WBCHSE, 05/2003 - 03/2005

Higher Secondary Examination: Science Group

GPA: 60%

WBBSE, 05/2002 - 03/2003

Secondary Examination

GPA: 74%

TRAINING

- Two weeks, 132KV Substation, Dharampur, West Bengal
 - Two weeks, Thermal Power plant, Titagarh Generating Station, C.E.S.C (4X60MW), Titagarh, West Bengal
 - One week, Non-conventional power sources, Sagardeep
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ADDRESSES

- 47 Christopher Road, Champamani, Kolkata, 700046
 - Dey Para, Andul Station Road, Andul, Howrah, 711302
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PERSONAL INFORMATION

- Passport Number: Z4286704
 - Passport Expiry Date: 08/06/2027
 - Father's Name: Lt. Shri Netai Mondal
 - Date of Birth: 27/11/1987
 - Nationality: Indian
 - Marital Status: Married
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LANGUAGES

English:	B2	Hindi:	C1
Upper Intermediate		Advanced	
Bengali:	C2		
Proficient			

DISCLAIMER

- I hereby declared that all the above information is correct and true to the best of my knowledge and belief.

Subhankar Mondal
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