

PRASIN P

ELECTRICAL ENGINEER

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Profile

Technical-minded Electrical Engineering graduate with 4+ years of experience, looking for a Junior Electrical Engineer position. Seeking to leverage my working knowledge of AutoCAD, Electrical System Designing, and experience in electronic troubleshooting activities to help you with your upcoming projects.

Professional Experience

MOHD AL QAMA GENERAL TRADING CO. LLC,
INVENTORY EXECUTIVE

11/2021 – present | Dubai, UAE

- Developed and maintained comprehensive inventory control procedures for electrical switch gears, ensuring accuracy and accountability.
- A demand and document characteristic of inventory is monitored by using Sage software.
- Monitored inventory levels and initiated purchase orders based on demand forecasts, effectively preventing stock outs and minimizing excess inventory.
- Developed and maintained strong relationships with vendors, negotiating favorable pricing and contract terms to optimize procurement processes.
- Implemented quality control measures to ensure all switch gears met the required specifications and standards before being added to the inventory.
- Coordinated with cross-functional teams, including technicians, engineers, and project managers, to fulfill inventory requirements for ongoing projects.
- Record daily deliveries and shipments of electrical switch gear items to reconcile inventory.

NATIONAL ELECTRIC COMPANY PVT LTD,
ELECTRICAL ENGINEER

10/2019 – 10/2021 | Kochi, INDIA

- Technical Design, testing and installation of all kinds of HV/MV switchgear including AMF panels, APFC panels, MCC panels, metering panels, control panels, Bus duct as per ISO standard.
- Performed cable size calculations, short circuit calculations, single line diagrams (SLD) and design of distribution boards (DBs)
- Designing prepared construction drawing, shop drawing, as-built drawing and obtained approval/ clearances from the concerned agencies using AutoCAD.
- Conducting inspection, testing and commissioning activities of HT and LT panel boards, Generator, Transformer, Uss etc...
- Sketched outline designs and layouts used AutoCAD to provide detailed design and specifications.
- Devised cost estimation with the objective of reducing cost and quantity survey of HT and LT power works and prepared Bill of Quantity (BOQ) for projects.
- Worked closely with subcontractors and suppliers to procure electrical equipment and materials, ensuring timely delivery and adherence to project specifications.
- Operations and technical installations of Building management systems (BMS System) in HVAC, Chiller, Boiler, Pumps and lighting equipment's.

- Developed detailed electrical schematics and diagrams using AutoCAD and performed load calculations to ensure optimal power distribution and energy efficiency.
- Provided fault level bus duct, earthing calculations electrical drawing and specifications.
- Electrification in connection with the installation of switchboard cabling, termination wiring and earthing etc. under licensed supervisors.
- Performed cable sizing calculation, short circuit calculations and single line diagrams (SLDs) using AutoCAD.
- Prepared detailed project reports and documentation, including progress reports, as-built drawings, and specifications, ensuring accurate and comprehensive record-keeping.
- Supervised electrical power work at an industrial building and delivered quality work by closely monitoring the work.
- Prepared Bill of Quantity (BOQ) for projects.

Education

B.Tech - Electrical and Electronics Engineering,

Mahatma Gandhi University, Kerala

2014 – 2018 | Kochi, Kerala, INDIA

Skills

AutoCAD	<div></div>	DIALux	<div></div>
MS Office	<div></div>	Electrical System Design	<div></div>

Languages

- English

Malayalam

Hindi

Tamil

Certificates

- Electrical System Designing - STED COUNCIL

AutoCAD

Projects

Capacitive de-ionization-based water desalination system using solar charge controller.

2017 – 2018

- A low cost, efficient salt water purification system was developed based a new technology called CDI and the system was made automatic and was powered by solar energy which can function independently without any power source which makes it highly suitable for rural areas .

References

- **Dr. Reena Sebastian, HOD,** *Department of Electrical and Electronics Engineering.,* KMEA Engineering College, Kerala, India