BURUGUPALLI SAI MURALI

Phone No.:+974-71946843
Gmail Id : buíugupallisaimuíali17@gmail.com
Address : Doha, Qatar

OBJECTIVE:

Dedicated and results-oriented electrical commissioning engineer with one year of experience working on a contractor basis at the Vijjeswaram Power Plant. Skilled in electrical equipment commissioning process and ensuring efficient operation of power plant equipment. Seeking a challenging role where I can leverage my technical expertise and contribute to the success of a dynamic project commissioning team.

EXPERIENCE:

Electrical Commissioning Engineer
vijjeswaram power plant-India **May-2023 to March-2024**

- Having experience of conducting commissioning activities on Low voltage 440V Motor Control Centre (MCCs) and LV switchgears.
- Having experience on low voltage cables commissioning, conducting commissioning on Control panels, Distribution Boards, Lighting DBs..
- Having sound knowledge of electrical commissioning tests such as Megger Tests, Resistance Measurement, Dielectricl Testing.
- Worked on commissioning activities such as preliminary checks, installation checks, performance testing, operational checks, final inspection and documentation.

Electrical Engineer

Al Munif Fire System -Doha,Qatar **April-2024 to June-2024**

- Led the electrical design team for a new commercial building project, ensuring compliance with local codes and client requirements.
- Developed lighting and power distribution plans using AutoCAD, optimizing layout for energy efficiency and functionality.
- Managed electrical installation for a high-end residential development, overseeing installation of lighting, HVAC controls, and security systems.
- Conducted regular inspections to maintain quality standards and ensure project timelines were met.
- Implemented safety measures to mitigate risks and ensure a safe working environment for all personnel.

EDUCATION:

- **Sasi Institute of Technology and Engineering (2020-2023)** CGPA:7.4
  Bachelor of Technology - Electrical and Electronics Engineering
- **Smt. B. Seetha Polytechnic College (2017-2020)** Percentage:72.74%
  Diploma-Electrical and Electronics Engineering
- **Z.P.P. High School (2017)** CGPA:7.0
  SSC-10th Class

INTERNSHIPES:

- **Institute of electronics and Telecommunication Engineers (Pantech e learning)**

  (20-06-2022 to 19-07-2022)

  Electrical Vehicle Designing using MATLAB Simulation (online live class).

- **APTRANSCO (06-11-2019 to 18-03-2020)**

  Industrial Training -220/132KV Substation, Nidadavolu, India.

KEY SKILLS:

- Electrical Design & Analysis
- Project Management
- Construction Drawings and Specifications
- Electrical Testing & Commissioning
- Procurement and Material Management
- Renewable Energy: Solar, Wind, Battery Storage
- Electrical Design and CAD Tools (AutoCAD, Revit)
- Troubleshooting and Maintenance of Electrical System

PROJECTS:

- **Renewable Energies source connected to grid**

- Aim of the project is Hybrid renewable energy system is connected to grid. The Hybrid renewable energy sources used by the Solar, Wind, Battery.
- This system will have the ability to store excess power in batteries and reuse that stored power during periods of high load and continuous power supply to the any load condition.
- Key words of the project is Renewable energy sources, grid connection, energy storage, power management system, load sensing and control.

PUBLICATIONS:

- **Modelling & Analysis of Various control MPPT techniques of Renewable Energy Sources in Microgrid (IEEE Xplore),** Paper Link**:-** https://ieeexplore.ieee.org/document/10101112/
- **Review on Battery Fires in EV System: An Indian Perspective (IJARESM)**
  Paper Link:- http://www.ijaresm.com/search?x=4&y=2&keyword2=review+on+battery+fires

CERTIFICATES:

- Got the certificate in "Auto Cad Designing" in college level.
- Got the certificate in "Machine learning applications in Electrical Engineering using Python".
- Got the certificate in "MATLAB onramp in online".

PERSONAL DETAILS:

- **Nationality** **:** Indian
- **Languages** **:** Telugu, English, Hindi.

DECLARATION:

I formally declare that all the above mentioned information is correct to the best of my knowledge and belief.