RENJITH

Dubai, UAE

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**SUMMARY**

Accomplished, proactive engineer with 1.5 years’ experience in electrical design, testing, analysis and project coordination. Possess extensive qualification with Bachelor’s in Electrical & Electronics Engineering.

**Core competencies and professional strength includes:**

|  |  |  |
| --- | --- | --- |
| * Project Management * Report Preparation | * Electrical Testing * Team Management | * Project Scheduling * Interpersonal skills |

**EDUCATION**

* B. E. in Electrical & Electronics Engineering from Sagar Institute of Science & Technology, Bhopal, India ***(2016)***
* Higher Secondary from Mar Dionysius Senior Secondary School (CBSE), Pathanamthitta, Kerala, India ***(2012)***

**PROFESSIONAL EXPERIENCE**

**MATTHEW AND ASSOCIATE,** KERALA, INDIA

***Electrical Supervisor (March 2017- Feb 2018)***

* Coordinated multiple electrical and engineering projects as project lead to ensure on-time within budget completion; responsibilities included project development, documentation, design, Load calculation, scheduling, preparing reports.
* Responsible for all aspects of underground work including cable laying and pulling, installing instruments and threaded rods; install trunking, tray, small power and lighting, terminating and cable glanding.
* Provide proper earthing to all the equipment’s
* Ensuring adherence to safety procedures and maintenance of high quality service standards expected by management
* Managed 7 employees and maintained a record of their day to day activities.

**KERALA STATE ELECTRICITY BOARD LTD.** KERALA, INDIA

***Trainee (Sep 2017- March 2018)***

* Maintenance of VCB (vacuum circuit breaker) for 11KV panels
* Routine checkups of VCBs were done in order to ensure that the system works properly.
* Proficient in using Meggers equipment’s to check the resistivity of the vacuum bottles.
* Routine checkup of substation equipment’s like transformer and its protecting devices.
* Monitor and ensure the temperature of the transformer is within the specified limits
* Ensure that there are no hotspots on the isolators
* Maintain proper records of substation activities.
* Hourly record the value of voltage, current and power in order to calculate the total power consumed
* Conduct routine battery maintenance.
* Check the specific gravity and voltage drop across each and every battery to ensure the battery is healthy

**ACADEMIC PROJECT**

**PROJECT 1: XBEE based Remote Monitoring of Transformer.**

The objective of this project was to acquire data of distribution transformers remotely over XBEE. Remote monitoring of voltage, current and temperature on a real-time basis.

Three analog value are taken in multiplexing mode connected to a programmable microcontroller used on both transmitter and receiver - AVR family (Atmega 8). Then the values of all the sensors are sent sequentially as per the frequency of multiplexing of the ADC by MC. They are then sent directly to XBEE module operating at 2.4GHz for transmitting the same data.

**PROJECT 2: Capacitive Touch Plate**

The objective was to build a capacitive touch plate which is used for switching purpose.

**LINGUISTIC PROFICIENCY**

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| --- | --- | --- |
| English | Hindi | Malayalam |

**PERSONAL INFORMATIONS**

Date of Birth : 05th December 1993

Gender : Male

Marital Status : Single

Nationality : Indian

I hereby declare that all the details furnished above are true and best of my knowledge.

Place:

Date:

**RENJITH**