**AMARNATH**

## Email id: [amarnath.379626@2freemail.com](mailto:amarnath.379626@2freemail.com)

***OBJECTIVE***

Seeking a challenging position to utilize my skills and abilities in an industry which offers career growth and chances to learn and improve my knowledge.

# *EXPERIENCE*

**OPERATOR at KERALA WATER AUTHORITY**

***February 2015 – October 2016***

Operation of pump house and also be a part of maintenance of motor and starters in the pump house.

**TECHNICAL ENGINEER at SINELAB TECHNOLOGIES PVT LTD**

***January 2014 – February 2015***

Designing, Assembling, Wiring, Testing, Production, Installation, Manufacturing of LED devices and installation of solar roof top system up to 5KVA.

**SALES EXECUTIVE at HARIT ENERGY SOLAR PV SOLUTION**

***April 2013 – January 2014***

Sales and service of solar system and inverter up to 10 KVA and provided energy audits for industrial and domestic system at grass root level.

# *EDUCATION*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Course*** | ***Name of the institution*** | ***University*** | ***Year of passing*** | ***Percentage of mark*** |
| *Diploma in electrical and electronics engineering* | *St.joseph polytechnic college Coimbatore tamilnadu* | *Department of technical education tamilnadu* | *March 2012* | *67%* |
| *I.T.I Electrician* | *St.sebastain I.T.C palakkad Kerala* | *Govt of Kerala industrial training department* | *July 2009* | *60%* |
| *S.S.L.C* | *Govt boys higher secondary school chittur palakkad Kerala* | *Government of Kerala* | *June 2007* | *60%* |

# *SKILLS*

Electronic Assembling

Electrical Machine operation

Solar panel assembly and troubleshooting Testing Invertors

LED Assembly

Maintenance of machine

# *AREA OF INTEREST*

Electrical machines and Electronics devices Electrical installation and wiring Transmission and distribution

# *COMPUTER KNOWLEDGE*

Auto CAD in Electrical Computer knowledge Microsoft Office applications

# *PROJECT*

## Single Phasing Preventer Using Microcontroller with SMS Alert

Many of the costly appliances require three-Phase AC supply for operation. Failure of any of the phases makes the appliance to erratic functioning and may even lead to failure. Hence it is important to monitor the availability of the three phase supply and switch off the appliance. Designed and developed a solution with Microcontroller Phase Sequence Detection circuit, Phase Detector, Zero Crossing Detector, Relay Driver circuit and LCD Display. The phase detector circuit check whether the three phase are alive or not and the output signal passes to the programmed microcontroller. If any one of the phase is cut, the microcontroller activates the relay driver and alarm driver circuit. The Alarm driver circuit activates the alarm for indication and we receive the SMS alerts from the GSM modem.

# *OTHER DETAILS*

**Nationality** Indian

**Marital status** Single

**Languages known** English, Malayalam, Tamil, Hindi

**Hobbies** Traveling, Playing

**Date of birth** 3 September 1990

# *DECLARATION*

I hereby assure that the above information given is accurate and true to the best of my known belief.