JIBIN T.J

 +91-9846146377 | [jibinjohnyt@gmail.com](mailto:jibinjohnyt@gmail.com)

# Objective

Looking for a challenging position as a Solar Design Engineer career in an organization where my skills and abilities will be tapped to its best and which will help me to explore myself fully and realize my potential. A role that would mutually benefit me and the organization I work for.

# Education

* **Electrical and Electronics Engineering from Calicut University (2015).**
* **Electrical Design Engineering from Smart Brains Institute of Energy and Research-2017.**

# Skills & Abilities

## COMPUTER PROFICIENCY

* Well versed in Windows 7, Windows 10, Fedora23 and ubuntu 16
* Proficiency in entire MS-Office
* Good understanding of Internet tools

## Electrical softwares

* Helioscope
* AutoCAD Electrical 2017
* PV Syst
* Staad Pro
* Etap

## electrical designing

* Basics
* Estimation of plant Electrical load
* Single line diagram
* Sizing of equipments
* Selection of equipments
* Lighting design
* Earthing and lightening design
* Inverter and Solar PV selesction.
* Substation

# Experience

## electrical technician | quess corp limited | 10thoct 2015 to 25th dec 2016

* LT switchgears consist of ACB breakers, MCCB/MCB, LT Motors with LT cable(415v).
* Protection system include Microprocessor based relay, Numerical relay.
* DG Set with AMF panel & Plant Lighting.
* Read blue prints or technical diagrams before doing work.
* Install and maintain wiring and lighting systems.
* Identify electrical problems with a variety of testing devices.
* Repair or replace wiring, equipment, or fixtures using hand tools and power tools.
* Follow state and local building regulations based on the National Electric Code.

## electrical solar design engineer | chemitech constructions PVT LTD | currently working

* Create electrical single-line diagrams, panel schedules, or connection diagrams for solar electric systems using computer-aided design (CAD,Helioscope) software.
* Test or evaluate photovoltaic (PV) cells or modules.
* Review specifications and recommend engineering or manufacturing changes to achieve solar design objectives.
* Perform thermal, stress, or cost reduction analyses for solar systems.
* Develop standard operation procedures and quality or safety standards for solar installation work.
* Design or develop vacuum tube collector systems for solar applications.
* Provide technical direction or support to installation teams during installation, start-up, testing, system commissioning, or performance monitoring.
* Perform computer simulation of solar photovoltaic (PV) generation system performance or energy production to optimize efficiency.
* Develop design specifications and functional requirements for residential, commercial, or industrial solar energy systems or components.
* Create plans for solar energy system development, monitoring, and evaluation activities.
* Create checklists for review or inspection of completed solar installation projects.

# Previous projects:

|  |  |  |
| --- | --- | --- |
| Sl No | Name of Project | Capacity |
| 1 | Chaudhary Charan Singh University, Meerut | 1.2 MW |
| 2 | VNIT, Nagpur | 600 KW |
| 3 | Cold Storages, Agra | 200 KW |
| 4 | MVS Engineering Ltd, Delhi | 200KW |
| 5 | Sudhir Power Projects Ltd, Gurgaon | 200KW |
| 6 | Badmata Temple, Rajasthan | 50KW |
| 7 | Suretech Hospital, Nagpur | 100KW |

# Personal profile

|  |  |
| --- | --- |
| Date of Birth | : 28thJune,1993 |
| Permanent Address | : Thaikkattil(H), Enamakkal(PO), Thrissur,680510, Kerala, India |
| Current Address | : M-53, Sector 8, Noida,201301, UP |
| Languages  Marital status | : English, Hindi, Malayalam, Tamil & Kannada.  : Single |
| Nationality | : Indian |
| Sex | : Male |