Divyeshkumar Bardoliya

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Summary Statement

Dedicated dynamic **Electrical Engineer** with a **B.Tech** degree, having **1+ year** of experience in **Solar Industry**, with an undergoing training on **Solar Power Plant Design** and **Electrical System Design** courses with skills set in softwares like AutoCAD, Google Sketchup, PVsyst, Google Earth, ETap, CGLux, etc seeking an opportunity to work in an established organization where i can prove myself by utilizing my skills and knowledge and resulting organizational growth as well as individual development.

Professional Experience

Sonali Energees Pvt. Ltd.   **Surat, Gujarat**
Production Engineer & Quality Engineer   **December 2016 – January 2018**
Job Profile:

❖ I was appointed as **Trainee Engineer** at Sonali Solar.

❖ To make different types of **Solar Panel Modules** by using raw material like solar cell, ribbon, bus-bar, EVA, back sheet, framing material and attachment.

❖ **IPQA: In Process Quality Assurance**
   Inspection of solar module which involve visual and dimensional inspection of laminated module, all stage wise inspection activities like line-QC, EL(Electro Luminance) test.

❖ **FQA: Final Quality Assurance**
   Final inspection involves visual inspection of complete module and performs HI-POT test and review of IVW-CHART in SUN SIMMULATOR.

Industrial Training

❖ I am pursuing training program on **Solar Power Plant Design** From 03rd February 2018 at **Advanced Electrical Design & Engineering Institute**, Delhi.

• Having exposure on all **engineering calculations** like PV modules **series and parallel** calculation, LT/HT **cable sizing**, **earthing and lightning protection calculation**. Also **selection and sizing** of Module, cable, Battery, Inverter, ACDB, and MDB.

- Having exposure on all **engineering drawings** like **PV array layout**, **cable routing and trench layout**, **earthing and lightning protection layout** by using AutoCAD.

- Having exposure on preparing **shadow analysis report** by using google sketchup and **PVsyst report.**

- ❖ I am pursuing training program on **Electrical System Design** from 03rd February 2018 at **Advanced Electrical Design & Engineering Institute**, Delhi.

- Having exposure on LT/HT **cable sizing calculation**, **earthing calculation**, **transformer sizing**, and **protection against lightning** and **cost estimation** of industrial power system.

- Having exposure on **substation design**, **transmission line design**, **earthing design**, **lighting design** and **internal electrification design.**

- Having exposure on preparing all engineering drawings like **SLD**, **electrical layout** of substation, **cable trench layout** etc using AutoCAD.

- ❖ I had attended the introduction to **Industrial Electrical System** training program from 24th -26th august, 2015 at **Larsen & Toubro Limited Switchgear Training Centre, Vadodara.**

- ❖ I had undergone training from 01st June to 16th June 2015 at **Surat District Co-Operative Milk Producer's Union Ltd. Sumul Dairy, Surat.**

Skills Set

Software Skills	Interpersonal Skills
Language: C	Self confident and great patience
Operating System : Windows	motivating and goal oriented
Application System: MS Office	Positive attitude and team leader
Software: **MATLAB**, Keil, AutoCAD, **Google Sketchup**, **Google Earth**, **Pvsyst**, **ETap**, **CGLux**, etc.	Ability to work under pressure

Academic Project

Project Title: SVPWM inverter fed speed control of BLDC motor.

Role **:** To design and implement the model of SVPWM inverter fed BLDC motor in MATLAB.

Academic Record

Name of the course	Board/University	Year of passing	Percentage / CGPA
B.Tech (Electrical)	CGPIT - UTU	2012-2016	8.43/10
HSC (CLASS XII)	GSEB	2012	67.69%
SSC (CLASS X)	GSEB	2010	86%

Declaration: I hereby declare that the information provided above by me is **true.**

Place: New Delhi

Date:

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