

## CURRICULUM VITAE

**Jay Shah**

**B.E ( Electrical )**

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### **OBJECTIVE**

To work in a challenging atmosphere by exhibiting my skills with utmost sincerity and dedicated smart work for the growth of your esteemed organization along with mine.

### **WORK EXPERIENCE**

#### **Current Status:**

Working as Sr Engineer Design –Solar PV at **RAYBOTIX TECHNOLOGIES PVT LTD**, Ahmedabad.

#### **Key roles:**

- Design of all residential as well as Industrial, Commercial Solar PV Rooftop and ground mounted projects.
- Preparation of BOM, CEI drawings, Plant layout, Wire Routing Layout
- Installation of online monitoring systems for Solar Inverters.
- Technical trouble shooting to identify the faults & optimize the performance of solar systems.
- Proficiently using tools like AUTOCAD and GOOGLE SKETCHUP for designing solar systems.

#### **Shashwat cleantech pvt ltd ( March'17-July'17 )**

Job Specification : Sr.Design Executive

- Design as well as manage projects of kW as well as MW Solar PV projects and preparation of electrical diagrams.
- Preparation of DPR, PV syst reports, BOQ, BOM and site survey reports.

#### **U R Energy (India) Pvt. Ltd (August'16-Feb'17)**

Job Specification: Technical Executive

- Site survey , Design and execution of kW Solar residential as well as industrial PV projects and preparation of electrical diagrams.
- Preparation of DPR, PV syst reports, BOQ, BOM and site survey reports.

#### **Hemina Solar Service ( June'15 to Aug'16 )**

Job Specification : Project & Service Engineer

- Manage Execution of projects for TATA SOLAR POWER LTD - kW solar PV projects as well as manage Service calls for DELTA POWER SOLUTION PVT LTD.
- Technical trouble shooting to identify the faults & optimize the performance of solar systems for DELTA POWER SOLUTION PVT LTD as well as TATA SOLAR POWER LTD .

## PROJECT INTERNSHIP

### Project :

**Engineering, Procurement & Commissioning** for different Solar applications at **Star Energy Systems,Ahmedabad** from Jan'14 to Feb'15.

### Grid connected solar rooftop system

- Worked on design and execution of KW Grid connected solar rooftop systems in Gujarat.
- Optimization of solar rooftop performance at Ahmedabad rooftop.
- Deep study of solar system production at different tilt angles at a particular location.
- Cost and yield comparison of RCC structure in rooftop as compared to the conventional galvanized iron structure.

### Key Responsibilities

- Site survey and site assessment for grid connected solar rooftop system.
- Preparation of DPR and feasibility report.
- Preparation of Bill of Materials(BOM) and Bill of Quantity(BOQ)
- **Performance optimization of grid connected solar rooftop system.**

**Project Training** with Keshav Engineering located at Chhatral GIDC- to learn Design and modification in ceramic insulators as well as polymeric Insulators ,especially pin-post Insulators for 11kV, 33KV lines and many other applications.

## ACADEMIC ACHIVEMENTS

<u>Qualification(Details)</u>	<u>Year of passing</u>	<u>Percentage (%)./CGPA</u>
B.E (ELECTRICAL)	May – June 2014	6.22 CGPA
Diploma (ELECTRICAL)	December 2010	61.72 %
S.S.C	March 2007	75.38 %

## TECHINICAL SKILLS

- AutoCAD 2 D
- Google Sketch Up
- MS office
- PV syst

**Area of interest:**

- Solar Power Plant Design(Grid Connected Solar system and Off Grid Solar system)
- Operations(Project Operations)
- Engineering, procurement and construction of solar PV system.
- Rooftop solar system (design and execution)
- Green buildings, energy efficiency and energy management.
- Inverter trouble shooting as well as inverter design.
- Technical Sales

**PERSONAL DETAILS**

Date Of Birth :	28 <sup>th</sup> march 1992
Gender :	Male
Languages Known :	English, Hindi, Gujarati.
Marital Status:	Single
Nationality :	Indian
Permanent Address :	C-15,Sthapatya Appt., Nr.sterling hospital, Gurukul road, Ahmedabad-380 052.
E-mail ID :	<a href="mailto:jay100shah@gmail.com">jay100shah@gmail.com</a>
Mobile :	88668 82958, 97371 72538
Home :	079-27416920
Name Of School :	The H.B.Kapadia New High School
Name Of College :	Gov.Engg.College, Modasa (B.E) R.C.Technical Institute (Diploma)
Hobbies :	Music, Surfing Internet, Playing Cricket & Volleyball .

**DECLARATION**

I hereby declare that above-mentioned information is correct up to my knowledge and I take the responsibility for the correctness of the mentioned particulars.

**JAY SHAH**