

**PARTH R. VAKANI**  
(MECHANICAL ENGINEER)

**ADDRESS:**

Tenement No.38  
Janvishram Society,  
B/H Sahajanand College  
Nr.Panjarapol Cross road  
Ambawadi  
Ahmedabad  
Gujarat, 380015

**PERMANENT ADDRESS:**

698 A/2, Vijayrajnagar  
Aadarsh Co/O Society,  
R.T.O.Road,  
Bhavnagar-364003  
Gujarat. India

E-Mail: [p.vakani31@Gmail.com](mailto:p.vakani31@Gmail.com)

Contact No: +919427758959, 8866826687

**CAREER OBJECTIVE**

To Be A Part of An Organization Where Process of Learning Never Ends and My Imagination Takes Wing to Unexpected Heights. A Place Where Initiative, Hard Work and Learning Through Constructive Criticism Is Always Promoted.

**PROFESSIONAL EXPERIENCE**

1	Company name:	Kanoda Energy Systems Pvt. Ltd.
	Designation:	Design engineer
	Working period :15 <sup>th</sup> Nov 2019 to Till date	
Job profile:	<ul style="list-style-type: none"><li>• As design engineer working on Sketch up, AutoCAD, STAAD Pro, Solid works and PVsyst software.</li><li>• Making design of PV module structure. Based on given survey data, find out the power generation and costing by using PV syst.</li><li>• Site Survey for Solar Power Plant Installation.</li><li>• Design Solar Power Plant Installation by using AutoCAD, Solid works, Helioscope &amp; PVsyst.</li><li>• Make a Bill of Material (BOM) of the Solar PowerPlant.</li><li>• Design the structure by using solid works, AutoCAD &amp; sketch up.</li><li>• Working on Basic Level STAAD Pro. For basic structure Analysis.</li><li>• Site Design Verification for Jio GBT Project for Megawatt scale.</li><li>• Also Part of Manage Operation and maintenance Work.</li></ul>	

2	Company name:	Kosol Energie Pvt.Ltd
	Designation:	Project & Design Engineer
	Working period :14 <sup>th</sup> Dec 2017 to 14 <sup>th</sup> Nov 2019	
Job profile:	<ul style="list-style-type: none"> <li>• I Was Part of Production Department, Quality Department also in R &amp; D Department.</li> <li>• As Design Engineer Working on Sketch up, AutoCAD, Solid works and PVsyst software.</li> <li>• Making design of PV module structure, solar water tank design, FPC collector design. Based on design find out the power generation and costing.</li> <li>• Site Survey for Solar Power Plant Installation.</li> <li>• Design Solar Power Plant Installation by using AutoCAD solidworks, Helioscope &amp; PVsyst.</li> <li>• Make a Bill of Material (BOM) of the Solar PowerPlant.</li> <li>• Design the structure by using solid works, AutoCAD &amp; Sketch up.</li> <li>• Make Detailed Project Report (DPR) and Project Schedule.</li> <li>• I worked for Total 20 MW different Solar Plant like Roof Top Ground-mount, Floating type up till Today for many Stat Government Projects and Privet Projects.</li> <li>• As an R &amp; D Engineer I Worked for Solar Dryer development Different types of Solar Panels like Flexible, Cut-cell PV panels, Mobile Solar Power Plant.</li> <li>• Also working on overseas projects. Like solar dryer for Cambodia gov., solar park structure in Dubai, solar penal structure on roof top in USA.etc.</li> <li>• More than 20MW work experience in solar field.</li> </ul>	

3	Company name:	Infinium solutions
	Designation:	Cad Draftsman
	Working period: 1 <sup>st</sup> January 2016 to 5 <sup>th</sup> January 2017	
Job profile:	<ul style="list-style-type: none"> <li>• 1 Year Experience in Infinium Solutionz as Cad Draftsman. Working On ‘AutoCAD’ And ‘Arc GIS’ Designing software.</li> <li>• I was working on “BHAVNAGAR MUNICIPAL CORPORATION” and “GUJARAT GAS LIMITED “projects.</li> <li>• Site survey for the pipe line layout.</li> <li>• Working with the team and guide them in arc GIS software.</li> <li>• Data collection of the site.</li> </ul>	

## ACADEMIC QULIFICATION

COURSE	COLLEGE	UNIVERSITY	PASSING YEAR	CGPA
B.E. in Mechanical Engineering	Takshshila College of Engineering and Technology (2016)	Gujarat Technological University	2016	6.6(61%)
Diploma in Mechanical Engineering	Sir BhavSinh Ji Polytechnic Institute (2012)	Gujarat Technological University	2012	7.39(68.9%)
10 <sup>th</sup> Std	Shri B.N.Virani School	GSHSEB	2009	70.46%

## TECHNICAL SKILL

- AutoCAD 2015(2D & 3D modeling, drafting)
- BIW Welding Fixture Design Using CATIA V5 – Basics of BIW, 3-2-1 Principle, Different types of fixtures, Concept of Shimming (One way & Two way), Car Line Concept, Materials used for Fixture component, Types of units- Clamp Unit, Pin unit (Fixed & Retractable Pin Unit) & Dump Unit, Circular & Diamond Pin Concept.
- Detailing- Mylar, Dolly Plate, Pin, Pin Retainer, Pin Block, Weldments, General Assembly, Flame (Gas) Cut Drawing & Layout Design.
- SolidWorks 2016- Sketcher, Part Modelling, Surface Design, Assembly Design, Sheet Metal Design, Drafting & Detailing.
- CATIA V5R21- Sketcher, Part Modelling, Generative Shape Design, Assembly Design, Generative Sheet Metal Design, Drafting & Detailing.
- UGNX 10.0 - Sketcher, Part Modelling, Generative Shape Design, Assembly Design, Generative Sheet Metal Design, Drafting & Detailing.
- Arc GIS.
- Fusion 360
- CREO 4.0 sketcher, part modeling, surface modeling, assembly, Sheet metal, drafting.
- Basics of GD&T with its application and application of all symbols in production drawing.
- Proficient in reading production drawing.
- Helioscope for Solar module lay out And Generation Report.
- Sketch up for 3d modeling.
- PV syst.
- Basic Level of STAAD Pro.

## INDUSTRIAL TRAINING AND EXTRA ACTIVITY

- “Jyoti CNC Automation Ltd., Rajkot”.
- “Atul Auto Ltd., Rajkot”.
- “Alembic Pharmaceutical Ltd., Vadodara”.
- Organized Event Of Auto Conducted In Association With “Sgt-International, Wiziq, Iit (Bhuj), ApmTechnologies, Gom- Germany & Metawing Technologies Pvt Ltd”.
- FEA Based Experimental & Optimization of Steering Knuckle and Wishbone Arm Assembly. (FINAL YEARPROJECT)
- CAD/CAM training from CRB tech solution.

## AREA OF INTEREST

- Designing
- Production
- Maintenance
- Manufacturing

## PERSONAL DETAILS

Date of Birth	: 31/01/1994
Gender	: Male
Father’s Name	: Ramesh Bhai N. Vakani
Mother’s Name	: Aruna Ben R. Vakani
Languages Known	: English, Hindi and Gujarati
Current location	: Ahmedabad
Preferred Location	: Any Where in India

## DECLARATION

It Is Certified That, The Above Data Particulars Are True to The Best of My Knowledge and Will Be Supported by Relevant Documents as And When Required.

- PARTH R. VAKANI