

PARTH R.VAKANI
(MECHANICAL ENGINEER)

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

2	Company name:	Kosol Energie Pvt.Ltd
	Designation:	Project & Design Engineer
	Working period :14 th Dec 2017 to 14 th Nov 2019	
	Job profile:	<ul style="list-style-type: none"> • I Was Part of Production Department, Quality Department also in R & D Department. • As Design Engineer Working on Sketch up, AutoCAD, Solid works and PVsyst software. • Making design of PV module structure, solar water tank design, FPC collector design. Based on design find out the power generation and costing. • Site Survey for Solar Power Plant Installation. • Design Solar Power Plant Installation by using AutoCAD solidworks, Helioscope & PVsyst. • Make a Bill of Material (BOM) of the Solar Power Plant. • Design the structure by using solid works, AutoCAD & Sketch up. • Make Detailed Project Report (DPR) and Project Schedule. • 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. • As an R & D Engineer I Worked for Solar Dryer development Different types of Solar Panels like Flexible, Cut-cell PV panels, Mobile Solar Power Plant. • 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. • More than 20MW work experience in solar field.

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

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 th 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