

# DEVEN SIDDHPURA

## B.E. + DIPLOMA MECHANICAL ENGINEER



### About Me



- December 30, 1995
- Gujarat, Bhavnagar.
- Nationality: INDIAN
- +91-9409417170
- [d.a.siddhpura@gmail.com](mailto:d.a.siddhpura@gmail.com)
- Marital Status: Single
- Male

### Career Prospective

To be able to work for encouraging and stable company that will assist me in developing, improving, and obtaining the necessary skills and proficiency in order to become the best engineer possible.

### Education

- 2014-2017** **Bachelor in Mechanical Engineering (7.83 CGPA)**  
Gujarat technological university (GTU)  
CAMPUS:  
Sanjaybhai Rajguru Collage Of Enginnering, Rajkot
- 2011-2014** **Diploma In Mechanical Engineering (8.01 CGPA)**  
Gujarat technological university (GTU)  
CAMPUS:  
SIR Bhavsinhji Polytechnic Institute, Bhavnagar
- 2011** **10<sup>th</sup> | Matriculation (81.40%)**  
Gujarat Secondary Education Board (GSEB)  
Home School, Bhavnagar

### Personal Interests

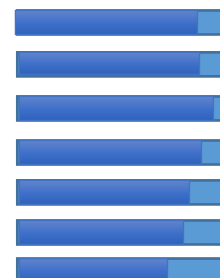


### Certification Insight

- SOLIDWORKS DASSAULT Systems
- AUTOCAD AUTODESK
- Basic Arc Welding C.D.T.P
- Project Completion SIDDHPURA INDUSTRIES(2014)
- VOLLEY BALL TOURNAMENT(2008-09)  
SAINT MARY'S SCHOOL CUP
- INTER SCHOOL CUP VOLLEY BALL TOURNAMENT(2010)
- EXCEL CROP CARE LIMITED(2011) Program Participation
- Awarded For The Best SOCIAL ACTIVITY  
With CEREBRO MARVEL(2016)

### Skills

- Confident & Determined
- Adaptive & Flexible
- Quick Learner
- Organized
- Problem Solving
- Team Work
- Communication



### Area Of Interest

- Additive Manufacturing (RP/3D Printing)
- Design / STL Preparation
- Production
- Management

### Training & Project Summary

- TRAINING:-** Shri Maruti Mechanical Works, Bhavnagar.
- PROJECT:-** Electric Mobility Vehicle (B.E.)
- PROJECT:-** Machinery Foundation (DIPLOMA)



## Work Experience

Nov. 2017  
May. 2018

### U.S. Institute Of 3D Technology 3D Printing Tutor & Design Trainee

- ✓ Using CAD software creating design and develops prototypes By **3D Printing**
- ✓ Responsible for **3D Printer** maintenance & development of new components & also developing **FDM type 3D Printer**
- ✓ Handling & manipulation of **FDM 3D Printer & 3D Scanner**
- ✓ **3D Scanning** of component through **Scanner** & collecting digital data of for generating new adaptive design of obsolescent parts.
- ✓ Responsible for conveying training of **3D Printing** and **Scanning** to New comer in this field

Oct. 2018  
Dec. 2019

### 3D Needs Solution Design Engineer & 3D Printing Application Engineer

- ✓ Using CAD software creating design and develops prototypes By **3D Printing**
- ✓ Modifying the design and retesting them
- ✓ Responsible for **3D Printer** maintenance & development of new components & also developing **FDM type 3D Printer**
- ✓ Handling & manipulation of **FDM 3D Printers, DLP 3D Printers & 3D Scanner**
- ✓ **3D Scanning** of component through **Scanner** & collecting digital data of for generating new adaptive design of obsolescent parts.
- ✓ Experience to handle **Chocolate** printer and working with resin **DLP** printers
- ✓ Marketing through given leads and follow-up to customer also generating leads
- ✓ Making **patient's specific Cranioplate** using **materialize suit**; also experienced in converting **DICOM** or **Medical** files to **STL** files.

Dec. 2019

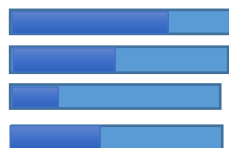
### STPL-3D Lead Design & 3D Printing Application Engineer

- ✓ Deploying CAD skills to create design and develops product's prototypes by **3D Printing**
- ✓ Reverse Engineering and Rectifying designs and establishing new components
- ✓ Responsible for newest technological upgrade & development of new components & also developing **FDM type 3D Printer**
- ✓ Guiding and Training team to use **FDM 3D Printers, SLA/DLP 3D Printers & 3D Scanner**
- ✓ **3D Scanning** and product development with standards and Design as per AM Guideline for **SLS | MJF | DMLS | SLM | Resin**
- ✓ **Medical data segmentation, DICOM to 3D Printable or 3D Visualizable** model generation
- ✓ **OT Guides, Pre-planning surgery** model and prototypes for surgeons; Made **Patient's specific Cranioplate, Ankle Joint, Palvic Dislocation segmented data by 3D Printer..**

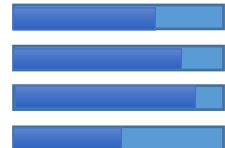


## Computer Proficiency

- Solidworks
- Materialise Mimics
- Z Brush
- AutoCAD



- Materialise Magics
- Autodesk Meshmixer
- Ultimaker Cura
- Microsoft Office



## Declaration

I Deven Siddhpura, hereby declare that the information contained herein is correct to the best of my knowledge and belief.

