

Curriculum Vitae

Rachit P Solanki

rachitsolanki6@gmail.com

Mobile No: +918758052438

Objective

To be a part of an esteemed organization which will enhance to work in a globally competitive environment on challenging assignments that will yield the benefits of job satisfaction and a steady professional growth.

Personal Profile

- **Date of Birth** : 28th September 1995
- **Gender** : Male
- **Marital Status** : Unmarried
- **Nationality** : Indian
- **Religion** : Hindu
- **Languages Known** : Gujarati, Hindi and English
- **Correspondence Address** : Mr. Rachit Pankajbhai Solanki
"Sharda Nivas"
Near Niku Flat
Panch Pada
Botad – 364 710, Gujrat
- **Permanent Address** : As above

Educational Details

- ✓ Completed **Bachelor of Engineering** in **Mechanical Engineering** from Gujarat Technological University, Ahmedabad, Gujarat in June 2016 with **6.07 CGPA**
- ✓ Completed **Master of Engineering** in **CAD/CAM** from L.J. institute, Ahmedabad in June 2019 with **7.71 CPI**

- ✓ **Experience Details – 10 months exp. in Natural Storage Solution PVT LTD., Ahmedabad as a design engineer.**

Role-

- **3 D modelling in creo, HP and LP receiver, Compressor, other shorting and grading machine drawings.**
- **To use 3D models to made 3D piping in creo using Creo Schematic S/W , Plant layout in AutoCAD.**

Supplementary Information

Software Skills

Packages: CREO Parametric, CREO Schematic, AutoCAD, MS - Office (MS Word, Excel and PowerPoint), Internet explorer

Hobbies

Reading, Outdoor Games, Listening music & travelling

Co-curricular Activities

- ✓ Completed **Summer Internship Training** in **RAS Bearing Private Limited**, Ranpur, Gujarat and learned about mechanism and manufacturing of taper roller, ball, Cylindrical roller, Spherical roller & Pillow bloc bearings, also Gears and Special purpose shafts in October 2015
- ✓ Participated in **Industrial visit** at **Ravi Heat Treatment, Rajkot, Gujarat** and during visit gathered information regarding process of Heat treatment, Gas Carburising, Carbo Nitriding, Through Hardening and Tempering & Stress Reliving in February 2015
- ✓ Participated in **Industrial visit** at **Hi-Mac Casting Private Limited, Rajkot, Gujarat** and during visit understand the processes of casting for various purposes in February 2015
- ✓ Participated in **Industrial visit** at **Rupkala Engineering Private Limited, Rajkot, Gujarat** and during visit learned about mechanism and manufacturing of spur and helical gears and gear pinion & shafts in February 2015
- ✓ Participated in **Industrial visit** at **Jyoti CNC Automation Private Limited, Rajkot, Gujarat** and during visit understand the details of computerized machine and overview of manufacturing of CNC

Project

- **Project Name: Design of Jig & Fixture for Drill for Self-Centering of Regular shape Component**

This project was undertaken during 3rd year of engineering in September 2015 and aim of the project is that for **mass production** of same and regular shape component with no need to centering each time and it is based on design of fixtures. Nature of project is user defined project

- **Project name: Parametric optimization of ball burnishing process of AA6061 material**

This project undertaken in **masters of engineering** 2nd year, aim of this project is to reducing of burnishing process parameters new design ball burnishing tool. The work piece material is Aluminium Alloy 6061 and ball material is of high chromium high carbon, four balls of Different diameter are used. The levels of input process parameters are selected on basis of one factor at a time analysis. The different input parameters are burnishing Speed, burnishing Ball diameter, and number of passes and the response parameter are surface roughness and hardness.

Declaration: I hereby declare that above furnished information is true and correct to best my knowledge.

Rachit P Solanki

Date:

Place: