



VIVEK KUMAR

Mechanical Design/FEA Engineer

A mechanical engineer having good designing and programming skills . Good in Creo, Solidworks ,Autocad ,Matlab and Ansys along with a good team player.



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VADODARA, INDIA



01 April, 1994

SKILLS

PTC CREO

SolidWorks

Ansys

Autocad

Matlab

C & C++

CNC Coding

CAM

FEA/FEM

LANGUAGES

HINDI



ENGLISH



INTERESTS

Learning new
Design Softwares

Cricket

Badminton

WORK EXPERIENCE

Tempering Officer

Gujarat Borosil Ltd. , Bharuch,Gujarat

02/2019 – Present

Processing high quality solar toughned glass.

Tasks

- Doing all the arrangements to run the production smoothly.

Tempering Furnace Operator

Umiya Glass Industry , Vadodara

03/2018 – 2/2019

Processing high quality toughned glass.

Tasks

- Setting up the furnace parameters like temperature , pressure , quench setting and other technical parameters in order to produce high quality toughen glass.

Site Supervisor

Uma Trading co. , Vadodara

11/2016 – 03/2018

Make furniture items at sites.

Tasks

- Supervising the furniture sites in order to complete the works efficiently. Handling the workers and completing the work as per drawings.

PERSONAL PROJECTS

Solar Powered Vapour Absorption Refrigeration System (01/2014 – 07/2014)

- We made a small prototype model of VARS which is used for Refrigeration purpose

Optimization of Mono Suspension (09/2015 – 02/2016)

- We optimize the suspension system spring coil diameter and mean diameter in order to reduce the spring weight and stress distribution using Box Evolutionary Optimization method and creo designing software.

EDUCATION

B.Tech - Mechanical

Lovely Professional University , Punjab

08/2012 – 06/2016

CGPA : 8.25

12th

Sunrise sen sec school, Nangal choudhary

04/2010 – 03/2011

Non-Medical

- Physics,Chemistry, Mathematics

Percentage : 72.60%

