

PERSONAL INFORMATION



Jigarkumar jaydevsinh rana

📍 12 Aman residency nr. Industrial estate , , Vadodara ,Gujarat, India
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Date of Birth : 13/12/1995
Marital Status : Single
Nationality : Indian
Known Languages : English, Hindi,Gujarati.

CAREER OBJECTIVE

To pursue a highly rewarding career, seeking for a job in challenging work environment demanding all my skills and adapt myself in different fields and realize my potential where I get the opportunity for continuous learning.

EXPERIENCE

Vijay Tanks and vessels Pvt Ltd, vadodara, Gujarat, India
Trainee engineer *Oct 2016 - Jan 2017*
Ishan equipments Pvt Ltd, vadodara, Gujarat, India *June 2018 -*
Trainee design engineer

EDUCATION

Dharmsinh desai institute of technology, nadia's, gujarat , India
Master of technology (CAD/CAM)
69 %
G.H.Patel college of engineering and technology, v.v.nagar , gujarat , India 2019
Bachelor of engineering
64 %
Mira school 2017
Gujarat secondary & Higher secondary Education Board, Gandhinagar, Gujarat, India
73 %
Mira school 2013
Gujarat secondary & Higher secondary Education Board, Gandhinagar, Gujarat, India
79 %
2011

TECHNICAL SKILLS

Problem solving
Strong team member
Excellent leader
Product design & development
Ambitious and hard working
Decision making

PROJECTS

Acoustic refrigeration system
A thermo acoustic refrigeration is a refrigerator that uses sound waves in order to provide the cooling.
Working fluid is helium-argon mixture and compressor is replaced by loud speaker

Design of lateral nozzle on pressure vessel

The approach is to adjust the thickness and shape of vessel in the vicinity of the opening so that the full limit pressure of vessel would be carried out with relatively little bending action

Design of stair climbing trolley

This can climb with less effort compared to carry it manually

CAD/CAE in bio medical field

CAD technology plays vital role in medical technology i.e designing of human parts and manufacture any part as per requirement

Design and analysis of multilayered pressure vessel using ASME BPVC code

INTERNSHIPS AND VOLUNTEER WORK

Vijay Tanks and vessels Pvt. Ltd , vadodara, Gujarat, India
Ishan equipments Pvt Ltd, vadodara, Gujarat, India
Student Coordinator in IMAZE technical festival
Volunteer in Traffic awareness program

INTERESTS

Mechanical design
Manufacturing
Hydraulic and pneumatic system
Thermodynamics and heat transfer
Rotating equipments

PERSONAL STRENGTHS

Decision making skills
Interpersonal skills
Team work skills
Self motivated

DECLARATION

There by declare that the information furnished above is true to the best of my knowledge