



BRIEF SUMMARY

The main objective of my career is to work with the organization where I get to enhance my skills and continue to learn about different technical aspects that leads to professional as well as organizational growth.

KEY EXPERTISE

C DSA Python Creo Parametric MySQL

EDUCATION

MIT Academy of Engineering, Pune B.Tech. - Mechanical Engineering CGPA: 8.53 / 10	2021 - 2025
Pimpri Chinchwad Polytechnic,Nigdi Pradhikaran Diploma Diploma - Mechanical Engineering - Mechanical Engineering MSBTE Percentage: 81.80 / 100	2022
The New Millennium English Medium School,New Sangvi, Pune City 10 th MSBSHSE Percentage: 88.20 / 100	2019

INTERNSHIPS

Endurance Technologies Pvt.Ltd Manufacturing / Core Intern at Endurance Technologies Pvt.Ltd.	05 Jun, 2024 - 05 Dec, 2024
--	-----------------------------

PROJECTS

Event Hall Air Conditioning System Design Mentor: Prof Sagar Mushan Team Size: 4 Key Skills: Creo Parametric ANSYS 1) Calculated heat load (44.6 kW) and designed a CAD model for ductwork (10.2m x 20.4m x 3.66m). 2) Simulated airflow distribution to achieve 22°C comfort from 38°C ambient.	01 Aug, 2024 - 31 Dec, 2024
Optimization of response parameter of machining En31 while electro-discharge-machining using TLBO and comparing with JAYA and Rao Algorithm. Mentor: Dr.Ganesh.Shete. , Dr.Avinash.kamble. Team Size: 4 Key Skills: Python Concept of TLBO,JAYA, and RAO Algorithm Compared TLBO,JAYA and Rao algorithms to optimize machining parameters for EN31 steel. • Analyzed convergence rates and accuracy using Python. • Outcome: Demonstrated JAYA's and Rao's faster convergence.	01 Aug, 2023 - 25 May, 2024
Multidirectional Rotational and Tilting Trailer. Mentor: Prof. B. A. Pawal. Team Size: 4 Key Skills: Basic skills in interfacing of mechanical components , electronic components, and application softwares. 1) Designed a prototype trailer for efficient material unloading in restricted spaces. 2) Integrated mechanical and electronic components for 180° rotation and tilting mechanisms.	01 Jan, 2022 - 31 May, 2022

ACHIEVEMENTS

- Completion certificate of Python from Udemy.
- I got 4 stars in Hacker rank in C and Python language.
- Completed C,C++, DSA Courses from Linkcode Technologies Pvt Ltd

- o Completion Certificate of Hydraulic and Pneumatic from Udemy

ASSESSMENTS / CERTIFICATIONS

Certificate of completion of C,C++,DSA

Certificate for Completion of Qcad Training.

Technowave 2k21 Technical Quiz Competition

Hydraulic Course Completion Certificate

Pneumatic Fundamentals Completion certificate

Complete -Python -3 -Bootcamp

CO-CURRICULAR ACTIVITIES

- o Played Inter-college level cricket matches.
- o Participated and obtain good score in Qcad test and Technowave 2K21

PERSONAL INTERESTS / HOBBIES

- o Reading Motivational Books such as Atomic Habits by James Clear, The Power of your Subconscious mind by Joseph Murphy.
- o Reading Holy Scripts such as Shrimad Bhagwat Geeta By Geeta press.
- o Playing Cricket.

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: Gangotri Nagar, Pimple Gurav, Lane no-2, Pune-411061,Maharashtra., Gangotri Nagar, Pimple Gurav, Lane no-2, Pune-411061,Maharashtra., Pune City, Maharashtra, India - 411061

Emails: vinay.gohel@mitaoe.ac.in , vinaygohel07@gmail.com

Date of Birth: 07 Apr, 2003

Known Languages: Gujarati,Hindi,Marathi,English

Phone Numbers: +91-7666120859, +91-9921911928