



## 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

2021 - 2025

B.Tech. - Mechanical Engineering | CGPA: 8.53 / 10

### Pimpri Chinchwad Polytechnic, Nigdi Pradhikaran

2022

Diploma | Diploma - Mechanical Engineering - Mechanical Engineering | MSBTE | Percentage: 81.80 / 100

### The New Millennium English Medium School, New Sangvi, Pune City

2019

10<sup>th</sup> | MSBSHSE | Percentage: 88.20 / 100

## INTERNSHIPS

### Endurance Technologies Pvt.Ltd | Manufacturing / Core

05 Jun, 2024 - 05 Dec, 2024

Intern at Endurance Technologies Pvt.Ltd.

## PROJECTS

### Event Hall Air Conditioning System Design

01 Aug, 2024 - 31 Dec, 2024

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 × 20.4m × 3.66m).
- 2) Simulated airflow distribution to achieve 22°C comfort from 38°C ambient.

### Optimization of response parameter of machining En31 while electro-discharge-machining using TLBO and comparing with JAYA and Rao Algorithm.

01 Aug, 2023 - 25 May, 2024

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.

### Multidirectional Rotational and Tilting Trailer.

01 Jan, 2022 - 31 May, 2022

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.

## 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

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**Date of Birth:** 07 Apr, 2003

**Known Languages:** Gujarati,Hindi,Marathi,English

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