



## BRIEF SUMMARY

To be a part of a progressive and dynamic organization and to utilize my knowledge and skills in a team environment contributing to the successful achievement of corporate goals and personnel objectives, seeking to take next career step with a respected organization focused on creating world-class hospitality and living spaces.

## KEY EXPERTISE

Python SQL Tableau Presentation Skills Team Leadership Team Management 3D Modeling MS Office SolidWorks  
CATIA Additive Manufacturing

## EDUCATION

### MIT Academy of Engineering, Pune

2019 - 2023

B.Tech. - Mechanical Engineering | CGPA: 8.80 / 10.00

### Sharad Institute Of Polytechnic

2020

Diploma | Diploma - Mechanical Engineering | MSBTE | Percentage: 92.51 / 100.00

### Marathi Medium High School, Ichalkaranji

2017

10<sup>th</sup> | MSBSHSE | Percentage: 92.00 / 100.00

## AWARDS AND SCHOLARSHIPS

- 'All India Rank 19' In overall Performance and 'All India Rank 14' in virtual Dynamic at 'SAE M-BAJA' 2022 in M-BAJA Event organized by SAE (Society of Automotive) and ARAI (Automotive Research Association) 2022 at Indore, Madhya Pradesh.

## INTERNSHIPS

### Compserv consultant private Limited

02 Jan, 2023 - Present

Backend Developer

**Key Skills:** SQL Python FastAPI MS Office

### Ved Industries

07 Jun, 2022 - 07 Jul, 2022

New Product Developer

**Key Skills:** Product Design New product Development Manufacturing Cost Control Quality Assurance

### RR Metacraft

15 Jun, 2021 - 15 Aug, 2021

Design Engineer

**Key Skills:** 3D Modeling 3D Printing Product Design Additive Manufacturing Model Analysis

### Raj Rajeshwari Founders

05 May, 2017 - 30 Jun, 2017

Quality Inspector

**Key Skills:** Quality Control Quality Assurance Engineering Drawings

## PROJECTS

### Support application - Empowering Seamless support bridging Users and Support Agents through Intelligent Chatbot

01 Mar, 2023 - 31 May, 2023

Team Size: 4

**Key Skills:** Python NLTK FastAPI SQL HTML CSS Bootstrap

### Design, Analysis and Manufacturing of Electro-spun Nanofiber Mask for Virus Protection/ Pollution Protection/ Automobile Paint Shops

14 Aug, 2021 - 30 May, 2022

Team Size: 4

**Key Skills:** Manufacturing Processes Nanoparticles Nanobiotechnology CFD Design

## Design and Manufacturing of Off-Road Vehicle for International Level Event Called SAE M-BAJA

15 Aug, 2021 - 10 Apr, 2022

Team Size: 20

Key Skills: Design Manufacturing Structural Analysis Testing

## Design And Analysis of PLA And ABS Sandwiched Plastic Using Industrial Epoxy Adhesive

15 Aug, 2020 - 10 May, 2021

Team Size: 4

Key Skills: Material Selection Additive Manufacturing

## Experimental Analysis of Mechanical Properties of PETG Material, 3D Printing using Fused Deposition Modelling Technique.

15 Jun, 2019 - 15 May, 2020

Team Size: 4

Key Skills: Additive Manufacturing Material Selection Testing

## PUBLICATIONS / RESEARCH / WHITE PAPERS

### Experimental Analysis of Mechanical properties of PETG Material 3D Printed Material by Using Fused Deposition Modelling Technique

30 May, 2020

Additive Manufacturing and Material Testing | MAT Journals

Key Skills: Additive Manufacturing 3D Printing Material Selection Testing

In this study Fused deposition modelling process is used to for manufacturing. Taguchi's L9 orthogonal array is used to reduce number of specimens of variations in material pattern, Infill percentage and deposition angle. Testing is carried out on surface roughness and tensile testing.

## ACHIEVEMENTS

- Academic Topper of Mechanical department of Sharad Institute of Polytechnic
- Participated at International Level Paper presentation competition organized by MSBTE at Pune
- First Price in Technical Paper Presentation competition at Sharad Institute of Polytechnic

## ASSESSMENTS / CERTIFICATIONS

Python Programmer - IBM

MySQL - HackerRank

Foundation - Data, Data Everywhere - Google

Ask Question to make Data-Driven Decision - Google

## CO-CURRICULAR ACTIVITIES

- Department leader and senior member of Official Autosport club of MIT academic of Engineering.
- Member of Society of Automotive Engineers India

## EXTRA CURRICULAR ACTIVITIES

- Winner of Annual Sports in Table Tennis At Sharad Institute of Polytechnic

## PERSONAL INTERESTS / HOBBIES

- To play Table Tennis
- Curious about Recent trades and new gadgets .

## WEB LINKS

- Personal - <https://prajwalo3.github.io/portfolio/>

## PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: Flat No 305, Indrayani Hills, Pune, Maharashtra, India - 412105

Emails: prajwal.agarwal@mitaoe.ac.in , prajwalagarwaln07@gmail.com

Date of Birth: 03 May, 2001

Known Languages: English, Hindi, Marathi

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