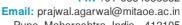


PRAJWAL PRADEEP AGARWAL

B.Tech. - Mechanical Engineering
Ph: +91-9834936882







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 B.Tech Mechanical Engineering CGPA: 8.80 / 10.00	2019 - 2023
Sharad Institute Of Polytechnic Diploma Diploma - Mechanical Engineering MSBTE Percentage: 92.51 / 100.00	2020
Marathi Medium High School, Ichalkaranji 10 th MSBSHSE Percentage: 92.00 / 100.00	2017

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 Backend Developer	02 Jan, 2023 - Present
Key Skills: SQL Python FastAPI MS Office	
Ved Industries New Product Developer	07 Jun, 2022 - 07 Jul, 2022
Key Skills: Product Design New product Development Manufacturing Cost Control Quality Assurance	
RR Metacraft Design Engineer	15 Jun, 2021 - 15 Aug, 2021
Key Skills: 3D Modeling 3D Printing Product Design Additive Manufacturing Model Analysis	
Raj Rajeshwari Founders Quality Inspector	05 May, 2017 - 30 Jun, 2017
Key Skills: Quality Control Quality Assurance Engineering Drawings	

PROJECTS

Support application - Empowering Seamless support bridging Users and Support Agents through 01 Mar, 2023 - 31 May, 2023 Intelligent Chatbot

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 14 Aug, 2021 - 30 May, 2022 Protection/ Automobile Paint Shops

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
Team Size: 4

Key Skills: Material Selection Additive Manufacturing

Experimental Analysis of Mechanical Properties of PETG Material, 3D Printing using Fused
Deposition Modelling Technique.
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 30 May, 2020 Modelling Technique

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
- $\bullet\,$ 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

Phone Number: +91-9834936882