



BRIEF SUMMARY

A curious and passionate individual, who is eager to learn and dive deep into the subject matter. Seeks a nurturing environment that provides active mentorship and supports individual and collective growth and perseverance. A dedicated, efficient, and work-oriented candidate with certified engineering, management skills and a solid technical educational background. Seeking further to secure the position of engineer with your organization.

KEY EXPERTISE

SolidWorks Robotics Mechatronics Problem Solving 3D Printing Manufacturing Research Communication Skills
Teamwork Leadership Skills Management Python Computer Aided Designing Mechanical Engineering

EDUCATION

MIT Academy of Engineering, Pune

B.Tech. - Mechanical Engineering | CGPA: 8.69 / 10.00

2019 - 2023

Yashwantrao Chavan Polytechnic, Ichalkaranji

Diploma | Diploma - Mechanical Engineering | MSBTE | Percentage: 92.31 / 100.00

2020

Chate English Medium School, Jaysingpur

10th | MSBSHSE | Percentage: 92.20 / 100.00

2017

INTERNSHIPS

iTech Robotics and Automation, Pvt, Ltd

Robotics Research Intern

09 Jan, 2023 - Present

MIT ACADEMY OF ENGINEERING

Robotics Intern

01 Jun, 2022 - 31 Jul, 2022

Swift Enterprise Pvt. Ltd

Diploma Trainee Engineer

12 May, 2019 - 21 Jun, 2019

PROJECTS

AUTOMATIC AGRICULTURAL PESTICIDE SPRINKLING ROBOT

Mentor: Dr.Preetam Kalos | Team Size: 4

16 Aug, 2021 - 18 Nov, 2022

CLASSIFICATION OF FRUIT TYPE BY COLOUR USING IMAGE PROCESSING

Mentor: Prof. V.B. Kulkarni | Team Size: 2

02 Nov, 2022 - 07 Nov, 2022

DD NATIONAL ROBOCON 2022

Mentor: Prof.S.A.Khandekar | Team Size: 19

11 Oct, 2021 - 17 Jul, 2022

DESIGN AND DEVELOPMENT OF TWO SPEED GEAR BOX FOR AGRO MACHINERY

Mentor: Prof.B.A.Tare | Team Size: 5

15 Jul, 2020 - 15 Oct, 2020

PUBLICATIONS / RESEARCH / WHITE PAPERS

DESIGN AND DEVELOPMENT OF TWO SPEED GEAR BOX FOR AGRO MACHINERY

International | International Research Journal Of Modernization In Engineering Technology And Science | Mentor:

Prof.B.A.Tare | No. of Authors: 5

16 May, 2020

ACHIEVEMENTS

- Achieved 2nd Rank in Paper Presentation Competition at National Level
- Achieved 100/100 in Strength of Materials and Theory of Machines in Second year Polytechnic
- Achieved AIR-3 with 99/100 in 1st stage of DD National Robocon 2022
- Achieved AIR-6 with 94/100 in 2nd stage of DD National Robocon 2022
- Achieved AIR-13 in Final Stage of DD National Robocon 2022

ASSESSMENTS / CERTIFICATIONS

Basics of Mechatronics

Fundamentals of GD & T

AutoCAD

Introduction to Programming using Python

Aggregate: 82.0 / 100.0

NPTEL Online Certification in Robotics

Aggregate: 61.0 / 100.0

NPTEL Online Certification in Introduction to Machine Learning

Aggregate: 50.0 / 100.0

SEMINARS / TRAININGS / WORKSHOPS

Recent Trends in Industrial Automation Institute Name: MIT ADT - School of Engineering

27 Sep, 2021 - 08 Oct, 2021

Industrial 3D Printing Technology

20 Aug, 2020 - 20 Aug, 2020

Institute Name: Skyy Rider Institutions

Robotics

Institute Name: MIT ACADEMY OF ENGINEERING ALANDI

PERSONAL INTERESTS / HOBBIES

- Robotics
- Collecting World Banknotes and Coins
- Cricket

WEB LINKS

- LinkedIn - <https://www.linkedin.com/in/pranit-magdum-5032b1167/>

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: New Mhada Colony, 8A 402, Krushna Building,
Morwadi, Pimpri-411018, Pune, Maharashtra, India - 411018

Emails: pranit.magdum@mitaoe.ac.in , pranitmagdum10@gmail.com

Date of Birth: 24 Apr, 2001

Permanent Address: A/P Umalwad Near Jain Temple, Umalwad, Tal-
Shirol Dist-Kolhapur, Kolhapur, Maharashtra, India - 416101

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REFERENCES

- **Prof.B.A.Tare**
(Vice Principal, DKTE'S Yashwantrao Chavan Polytechnic, Ichalkaranji)
(+91-7774013833, bharat.btare@gmail.com)
- **Dr. Preetam Kalos**
(Associate Professor, School of Mechanical Engineering, MIT Academy of Engineering, Alandi, Pune)
(+91-9890226960, pskalos@mitaoe.ac.in)