

# PRANIT RAJENDRA MAGDUM

B.Tech. - Mechanical Engineering

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Pune, Maharashtra, India - 411018



## BRIEF OVERVIEW / CAREER OBJECTIVE / 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 / SKILLS

SolidWorks Robotics Mechatronics Problem Solving 3D Printing Manufacturing Research Communication Skills  
Teamwork Leadership Skills Management Python C++ Computer-Aided-Designing

## EDUCATION

<b>MIT Academy of Engineering, Pune</b> B.Tech. - Mechanical Engineering   CGPA: 8.69 / 10.00	2019 - 2023
<b>Yashwantrao Chavan Polytechnic, Ichalkaranji</b> Diploma   Diploma - Mechanical Engineering   MSBTE   Percentage: 92.31 / 100.00	2020
<b>Chate English Medium School, Jaysingpur</b> 10 <sup>th</sup>   MSBSHSE   Percentage: 92.20 / 100.00	2017

## INTERNSHIPS

<b>iTech Robotics and Automation, Pvt, Ltd</b> Robotics Research Intern	09 Jan, 2023 - Present
<b>MIT ACADEMY OF ENGINEERING</b> Mechanical Engineer Trainee	01 Jun, 2022 - 31 Jul, 2022
<b>Swift Enterprise Pvt. Ltd</b> Diploma Trainee Engineer	12 May, 2019 - 21 Jun, 2019

## PROJECTS

<b>AUTOMATIC AGRICULTURAL PESTICIDE SPRINKLING ROBOT</b> Mentor: Dr.Preetam Kalos   Team Size: 4	16 Aug, 2021 - 18 Nov, 2022
<b>CLASSIFICATION OF FRUIT TYPE BY COLOUR USING IMAGE PROCESSING</b> Mentor: Prof. V.B. Kulkarni   Team Size: 2	02 Nov, 2022 - 07 Nov, 2022
<b>DD NATIONAL ROBOCON 2022</b> Mentor: Prof.S.A.Khandekar   Team Size: 19	11 Oct, 2021 - 17 Jul, 2022
<b>DESIGN AND DEVELOPMENT OF TWO SPEED GEAR BOX FOR AGRO MACHINERY</b> Mentor: Prof.B.A.Tare   Team Size: 5	15 Jul, 2020 - 15 Oct, 2020

## PUBLICATIONS / RESEARCH / WHITE PAPERS

<b>DESIGN AND DEVELOPMENT OF TWO SPEED GEAR BOX FOR AGRO MACHINERY</b> International   International Research Journal Of Modernization In Engineering Technology And Science   Mentor: Prof.B.A.Tare   No. of Authors: 5	16 May, 2020
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## ACHIEVEMENTS

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

**Phone Number:** +91-9767327692

## 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)