



# Vaishnav Gaikwad

Mechanical Engineer

## Contact

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Pune, Maharashtra.

## About Me

I am a motivated Mechanical Engineering graduate with a strong interest in design. I have hands-on exposure to CAD modeling, basic product design, and additive manufacturing through academic projects. I am eager to improve my technical and problem-solving skills, and contribute effectively to a growth-oriented organization.

## Skills

- Adaptability
- Work ethic
- Communication
- Management
- Critical Thinking
- Leadership

## Software

- CATIA V5
- Fusion 360
- AutoCAD

## Education

- **Bachelor of Technology** 2023 - 2026  
Mechanical Engineering  
*Dr. Babasaheb Ambedkar Technological University, Lonere.*  
CGPA - 7.05 (Till 6<sup>th</sup> sem)
- **Diploma** 2020 - 2023  
Mechanical Engineering  
*Government Polytechnic Karad*  
Percentage - 78.87
- **SSC** 2019 - 2020  
Maharashtra State Board Exam  
*MJSJ Vidyalya Sakurde*  
Percentage - 90.00

## Projects

- **Development of a Robotic Gripper using CAD Design and Additive Manufacturing**  
*Final Year B. Tech Mini project*
  - Designed and modeled a functional robotic gripper using CAD software (Fusion 360), focusing on proper dimensions, assembly fit, and design for additive manufacturing.
  - Fabricated the gripper components using 3D printing, integrated a servo motor, and assembled the system to achieve controlled gripping action.

Skills: CAD Modeling & Assembly, Additive Manufacturing (3D Printing), Basic Mechanism Design, Problem Solving & Design Optimization.
- **Indirect Type Solar Dryer**  
*Diploma Project*
  - Designed and developed an Indirect Type Solar Dryer for efficient drying of agricultural products using solar energy.
  - Created complete 3D model and assembly in CATIA V5.
  - Fabricated the solar dryer using sheet metal and structural components.
  - Improved drying hygiene by separating solar collector and drying chamber.

## Internship

### Industrial Training – Kalburgi Stamping Pvt. Ltd.

Worked as a Diploma Engineer Trainee, gaining practical exposure to sheet metal stamping operations, press machines, and manufacturing processes. Assisted in production activities, component inspection, and understanding die and tooling operations.