

AKASH GAWADE

B.E Mechanical Engineering

Email: akashgawade3914@gmail.com | Mobile: +919011468653 | Pune

OBJECTIVE

As a final-year engineering student, I'm ready to jump in, solve problems, and apply my skills to create efficient solutions while growing and learning every day.

EDUCATION

MIT Academy of Engineering B.E Mechanical Engineering CGPA: 9.37	2025
Modern College of Arts, Commerce and Science, Pune Class XII (HSC) Percentage: 61.08%	2020
Shri Bhairavnath Vidya Mandir, Pabal Class X (SSC) Percentage: 95.40%	2018

SKILLS

- Technical Skills:** SolidWorks, AutoCAD, Ansys, GD&T, Manufacturing Processes, MS Excel
- Soft Skills:** Problem Solving, Cross-functional Collaboration, Proactive

INTERNSHIP

UNIMET Gauges Pvt. Ltd Engineering Intern 6 Months	June 2024 - Nov 2024
<ul style="list-style-type: none">Gained hands-on experience in the assembly of precision components, collaborating with design and manufacturing teams.Verified components against the BOM ensuring quality standards and reporting defects.Proposed the use of a fixture for reaming brass probe holders, reducing the rejection rate by nearly 30%.	

PROJECTS

Material Handling Cart

- Designed a motorized scissor-lift mobile cart (100 kg capacity, 4 ft lift range) using SolidWorks.
- Created 3D model and assembled the base frame, scissor arms, lead screw, and other components.
- Conducted static structural analysis in Ansys to identify weak points.
- Selected suitable materials based on strength, FOS, durability, and cost constraints.
- Drafted 2D engineering drawings in AutoCAD, following GD&T standards.
- Created a detailed Bill of Material in Excel listing components, materials, and costs.

Design and prototype of Laryngoscope

- Designed a 3D-printed medical tool to improve throat examination and intubation processes.
- Tested it on a thermocole dummy oral cavity to ensure quality and usability.
- Optimized visualization and safety while cutting cost.

EXTRA-CURRICULAR ACTIVITIES

- Led cleanup drive at Dighi Hills with friends—kept it green and had a blast.
- Coordinated Planning, organizing, and managing the college cultural fest, ensuring smooth execution of events and activities.

CERTIFICATIONS

1. Project Management Foundations (LinkedIn Learning, 2025)
2. Sustainability as Innovation (LinkedIn Learning, 2024)
3. Hydraulic Calculations and Circuit Design (Udemy, 2025)
4. Complete Hydraulic Course & Pneumatic Fundamentals (Udemy, 2023)
5. Barclays Life Skills Program (2022)
6. Enterprise Networking, Security, and Automation

ACHIEVEMENTS

1. 2nd Runner-Up, TATA Building India Essay Competition (City & National Level, 2019)
2. Grade A, State-Level Elementary & Intermediate Drawing Exam (2018)
3. Academic Excellence Award, MIT Academy of Engineering (2022-2023)

INTERESTS / HOBBIES

- DIY Activities
- Learning new things