

SHUBHAM KANGUNE

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Professional Summary

Mechanical Engineering graduate with strong foundation in CAD design, tool and die development, and manufacturing processes. Proficient in SolidWorks, CATIA, and AutoCAD with hands-on experience through academic projects and internship in blanking die design. Skilled in 2D/3D modelling, GD&T, and design validation, eager to contribute as a Mechanical Design Engineer and deliver efficient engineering solutions.

Technical Skills

- **Design & Modelling Tools:** SolidWorks, CATIA V5, AutoCAD
- **Analysis & Simulation:** ANSYS
- **Engineering Expertise:** Mechanical Design, Tool & Die Design, 2D/3D Modelling, GD&T, Manufacturing Processes
- **Productivity Tools:** MS Excel, MS Office Suite
- **Programming:** Python, C, C++

Education

Bachelor of Engineering in Mechanical Engineering

2022-2025

Ajeenkya D.Y. Patil School of Engineering, Savitribai Phule Pune University

CGPA: 7.2 / 10.0

Diploma in Mechanical Engineering

2019–2022

Ashok Institute of Engineering & Technology Polytechnic, Shrirampur

Percentage: 72.46%

SSC (10th Standard)

2018-2019

New English School, Takalibhan, Shrirampur

Internship Experience

Mechanical Design Intern

Maxpertise Technology Labs Pvt. Ltd., Bengaluru

- Designed and optimized blanking dies in SolidWorks, improving efficiency and accuracy.
- Delivered die design projects within deadlines with zero errors.

Academic Projects

Leather Strip Cutting Device for Improving Leather Artisans' Productivity (*SolidWorks, Mild Steel Fabrication*)

- Designed and developed a fully functional semi-automated leather strip cutting machine to enhance artisans' efficiency.
- Sponsored by Divyam Leather Crafts Pvt. Ltd., ensuring industry relevance and real-world application.
- Built, tested, and delivered the working model, achieving precision in leather strip cutting.
- Implemented an innovative cutting mechanism, resulting in reduced material waste and faster production.

Hydraulic Press Machine

- Researched and applied Pascal's Law to design a functional hydraulic press.
- Coordinated fabrication and assembly processes with a team, ensuring operational accuracy.
- Developed a testing procedure that validated pressure efficiency and safety of the machine.

Certifications

- Catia V5 (Skill-Lync)
- Autocad Certified (Disha Institute)
- Fusion 360 (Autodesk)

Soft Skills:

Communication, Teamwork, Problem-Solving, Adaptability, Time Management, Leadership, Attention to Detail

Languages

(English, Hindi, Marathi).