

Tushar Kadam

Mechanical Engineering Student

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Summary

Motivated Mechanical Engineering student with strong fundamentals in Thermodynamics, Strength of Materials, and Manufacturing Processes. Proficient in CAD tools including CATIAV5, AutoCAD, and Creo. Hands-on experience in automotive manufacturing and quality processes through internship. Quick learner with strong problem-solving and teamwork skills, seeking opportunities in core mechanical engineering roles in reputed organizations.

Experience

Hitachi Astemo Powertrain Systems Pvt. Ltd., Gurugram

Intern

- Assisted in automotive component manufacturing processes and assembly line operations
- Observed and understood quality inspection techniques and defect analysis methods
- Gained exposure to production workflow, process optimization, and industrial safety practices

Kiran Machine Tools Pvt. Ltd.

Intern

- Assisted in vendor evaluation and quotation analysis for procurement decisions.
- Supported purchase order creation, tracking, and documentation to ensure timely supply.
- Coordinated with suppliers and internal departments to streamline supply chain workflows.

Education

Government College of Engineering, Jalgaon

B.TECH in Mechanical Engineering -2027

CGPA:-7.56

Government Polytechnic, Nanded

Diploma in Mechanical Engineering-2024

78%

Skills

- CAD & Design Tools: CATIA V5, AutoCAD, Creo Parametric
- Core Subjects: Thermodynamics, Fluid Mechanics, Strength of Materials, Manufacturing Processes
- Other Skills: MS Excel, PowerPoint, Basic Supply Chain & Logistics
- Soft Skills: Leadership, Teamwork, Problem-Solving

Project

Automatic Bottle Filling and Capping Machine (Diploma Project)

- Designed and developed an automated system for bottle filling and capping
- Utilized mechanical design principles and basic automation concepts
- Improved efficiency and reduced manual effort in filling operations

3D Printing Design Project

- Designed 3D models using CATIA for prototyping
- Developed components suitable for additive manufacturing
- Gained practical exposure to rapid prototyping techniques

Certification

- CAD and 3D Printing Certification
- Supply Chain Management (Logistics & Warehousing)
- Entrepreneurship Development Program
- MS Excel & Office Tools
- CATIA V5 Certification

Achievement and Activities

- Participated in multiple mechanical design workshops
- Actively involved in technical learning and skill development programs