

Jay Ganesh Jadhav

Bori BK, Tal-Junnar, Dist-Pune, -412411
+918010218613 | jadhavjay085@gmail.com



Objective

To gain practical experience in the field of mechanical engineering through an internship opportunity where I can apply my technical knowledge, develop industry-relevant skills, and contribute effectively to the organization's growth while enhancing my professional competence.

Experience

Design Intern (Forging Design)

5th Jan. 2026 - 3rd Feb. 2026

CADCAMGURU Solutions Pvt. Ltd.

- Completed a 30-day internship in Forging Design.
- Developed a Camshaft project using SolidWorks with an industrial approach.
- Gained hands-on experience in CAD/CAM design and manufacturing standards.

Education

Course / Degree	School / University	Grade / Score	Year
T.E. Mechanical Engineering	Savitribai Phule Pune University, Pune	6.5	2025
HSC	Hands Deshmukh Jr. College Alephata, Junnar, Pune	55%	2023
SSC	Shri Sambhaji Vidyalaya Bori BK tal- Junnar District- Pune	84.60%	2021

Skills

MS Office

Excel

Solidworks

Autocad

Projects

Automated Toll Tax System

This project focuses on the design and development of an automated toll collection system that reduces manual operation time and improves traffic flow efficiency. The system integrates mechanical sensors, automatic gates, and digital control components. The mechanical design was modeled using SolidWorks, ensuring accurate alignment and smooth motion of components.

Results & Outcomes:

- Reduced toll processing time by 60% compared to manual operation.
- Improved accuracy and reliability of vehicle detection.
- Gained hands-on experience with mechanical-electronic integration.
- Strengthened skills in CAD modeling, system design, and teamwork.

Camshaft Design Project

1. Developed a 3D model of an industrial Camshaft using SolidWorks.
2. Applied an industrial approach to Forging Design, ensuring the component met manufacturing requirements.
3. Analyzed component geometry to optimize structural integrity for engine performance.
4. Translated theoretical mechanical engineering concepts into a production-ready digital prototype.

Interests

Design Engineering (CAD/CAM/CAE)

Forging & Manufacturing Processes

Mechatronics & Robotics

Data Analysis in Engineering

Automotive Systems Design

Languages

Basic English

Hindi

Marathi