



PROFESSIONAL SUMMARY

Motivated Mechanical Engineering student with strong fundamentals in design, manufacturing, and quality inspection. Seeking an opportunity to apply CAD skills, problem-solving ability, and practical knowledge in a core mechanical role to contribute to organizational growth.

KEY EXPERTISE

CAD Software : CATIA V5, SolidWorks, AutoCAD | Design Skills: 3D Modeling, Assembly Design, 2D Drafting , Wireframe Design

Core Knowledge: Engineering Drawing, Welding Basics, Quality Inspection, Manufacturing Process

Other Skills: Problem Solving, Communication, Leadership, Team Building

EDUCATION

Dr. D. Y. Patil Institute of Technology 2024 - 2027

B.E. - Mechanical Engineering | CGPA: 8.55 / 10

shivnagar Vidya Prasarak Mandal's INSTITUTE OF TECHNOLOGY malegaon Bk 2024

Diploma | Diploma - Automobile Engineering | MSBTE | Percentage: 83.84 / 100

shri gopinath vidhyalay Varvand, Pune 2022

12th | HSC | Percentage: 61 / 100

Shri Bhanoba Vidyalaya Kusegoan Daund, Pune 2020

10th | SSC | Percentage: 74.80 / 100

INTERNSHIPS

Thermax Babcock & Wilcox Energy Solutions Limited | Manufacturing / Core 01 Jan, 2026 - 01 Feb, 2026

Site Supervisor intern

Key Skills:

Boiler Manufacturing Knowledge | Welding Inspection Basics | Engineering Drawing Reading | Quality Control & Inspection

Industrial Safety Awareness

Thermax Babcock & Wilcox Energy Solutions Ltd.

Jan 2026 – Feb 2026 | Site Supervisor Intern

- Gained hands-on exposure to boiler manufacturing and shop floor operations
- Interpreted engineering drawings for fabrication and welding processes
- Assisted in quality inspection and welding verification
- Followed industrial safety standards and procedures

Maruti suzuki Service Showroom | Automotive / Ancillaries / Automobile 01 May, 2024 - 15 Jun, 2024

Site Supervisor intern

Key Skills: Vehicle Demonstration | Problem Solving | Basic Vehicle Inspection | Customer Handling

Maruti Suzuki Service Showroom

May 2024 – Jun 2024

- Resolved 50+ customer queries with 95% satisfaction Rate
- Assisted in vehicle inspection and pre-delivery checks
- Supported customer handling and vehicle demonstration
- Observed service workflow and basic diagnostics
- Improved communication and problem-solving skills

PROJECTS

Research on Joining Dissimilar Metals (Stainless Steel & Copper)

Key Skills:

Basic Knowledge of Welding/Brazing Techniques Material Properties Understanding Experimental Analysis and Testing
Dissimilar Metal Joining

Studied welding/brazing techniques for dissimilar metals
-Analyzed material properties and joint performance
-Conducted basic experimental testing
- Understanding Concept Of Root Joint

Design & Development of a Pipe Supporting Machine for Continuous Welding to improve Weld Aesthetics and Reduce Manpower

Key Skills: Basic Welding Knowledge Problem Solving Project Planning

This project requires basic mechanical design, CAD modeling, and welding knowledge to develop an efficient pipe supporting system. It also involves problem-solving and basic automation skills to improve weld quality and reduce manpower.

Design & Development of AI-Based Quadratic Robot

Key Skills: Machine Learning & Artificial Intelligence

ASSESSMENTS / CERTIFICATIONS

CATIA V5

Provider: Disha computer institute

Aggregate: 100 / 100

Key Skills:

3D Part Modeling (Sketcher, Part Design) Assembly Design (Assembly Workbench) Drafting (2D drawing creation & detailing)
Surface Design (Generative Shape Design) Sheet Metal Design Wire frame Modeling

Completed training in CATIA V5 with hands-on experience in 3D part modeling, assembly design, and 2D drafting. Skilled in creating parametric models and engineering drawings with a basic understanding of GD&T and manufacturing processes.

Solid Works

Provider: LearnVern

Key Skills: 3D modeling and drawing assembly Design Sheet Metal

Proficient in creating 3D models, assemblies, and technical drawings , Welded Joint.

Auto Cad

Provider: LearnVern

Key Skills: 3D Modeling 2D Drafting

POSITIONS OF RESPONSIBILITY

MESA (Mechanical Engineering Student Association) - Vice President

-Organized technical and cultural events
- Designed posters and managed social media promotions
-Coordinated team activities and improved student engagement

PERSONAL INTERESTS / HOBBIES

- o Chess

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: Bhondvewadi Tal Baramati Dist Pune, Pune, Maharashtra, India - 411002

Emails: shambhurajbhondve5@gmail.com , Bhondavepatil08@gmail.com

Date of Birth: 27 Dec, 2003

Known Languages: English , Marathi, Hindi

Phone Numbers: +91-9834349749, +91-9834349749