

Soham Bhusal

Mechanical Engineering Undergraduate — Design & Manufacturing

Sangamner, Maharashtra

Email: Sohambhusal39@gmail.com

Phone: 7020560354

LinkedIn: [linkedin.com/in/sohambhusal21](https://www.linkedin.com/in/sohambhusal21)

Professional Summary

Mechanical Engineering undergraduate with practical experience in CAD modeling, mechanical design, and manufacturing fundamentals. Proficient in SolidWorks, CATIA V5, and CREO with hands-on exposure to product design, assemblies, and engineering projects. Seeking an entry-level opportunity in design, manufacturing, or product development to apply engineering principles in an industrial environment.

Technical Skills

CAD & CAE: SolidWorks, CATIA V5, CREO, Siemens NX,

Design Concepts: Part Modeling, Assembly Design,

Manufacturing Knowledge: GD&T (Basic), Manufacturing Processes

Education

Bachelor of Engineering – Mechanical Engineering

2022 – 2026 (Pursuing)

Amrutvahini College of Engineering, Sangamner

Savitribai Phule Pune University (SPPU)

SGPA (SEM 7): 7.15 — First Class

Higher Secondary Certificate (HSC – 12th)

2021 – 2022

DVN and Junior College, Sangamner

Maharashtra State Board

Percentage: 76.50% — Distinction

Secondary School Certificate (SSC – 10th)

2019 – 2020

DVN Manchi Hill, Ashwi BK, Sangamner

Maharashtra State Board

Percentage: 91.80% — Distinction

Academic Projects

Multipurpose Smart Farming Equipment (Final Year Project)

Live

- Designed a compact, battery-powered agricultural machine integrating spraying, dusting, and weed cutting operations.
- Focused on ease of manufacturing, reduced manual labor, and improved operational efficiency.

Industrial Internship

Tata Technologies Limited

- Created 3D part models, assemblies, and surface models using CATIA V5.
- Worked on parametric modeling and basic simulation concepts in CREO 10.0.
- Developed practical skills in SolidWorks including part modeling.
- Hands-on experience with Siemens NX for 2D sketching, 3D modeling and assemblies.

Certifications

- FIT FOR INDUSTRY Certification – Tata Technologies Limited
- SolidWorks Training Workshop – IFS Academy
- Industrial Automation Virtual Internship – Eduskill Foundation

Leadership & Activities

- Coordinator, National Service Scheme (NSS)
- Event Management Member, Mechanical Engineering Student Association (MESA)

Additional Information

Languages: English, Hindi, Marathi

Strengths: Problem Solving, Adaptability, Quick Learner, Team Collaboration