



Sanskruti Lawand

About Me

Mechanical Engineering student with a strong interest in Design Engineering and Product Development. Skilled in CATIA V5, 2D/3D modeling, CAD drafting, and engineering drawing through academic projects and coursework. Experienced in teamwork, design problem-solving, and applying engineering fundamentals. Eager to learn and grow in a professional design engineering environment.

+91 9356153598

lawandsanskruti@gmail.com

Pune, India 411058

www.linkedin.com/in/sanskruti-lawand-71b871218

Skills

- CATIA V5
- 2D & 3D Modeling
- CAD Software
- Assembly & Part Design
- Engineering Drafting
- Creative Thinking

Language

English

German (basic - A1)

Hindi

Marathi

Interests

- Design Engineering
- CAD Modeling and 3D Design using CATIA
- Mechanical System Design

Education

Suryadatta Junior College

11th and 12th in Science with Bifocal Computer Science
2022 - 2024

Marathwada Mitra Mandal's Collge of Engineering

Bachlor's in Mechanical Engineering
2024 - 2028

Experience

Completed College level coursework 2025 - 2026

AutoCAD, Catia V5 | Marathwada Mitrac Mandal's College of Engineering

Solar Powered Water Purifier | Capstone Project 2025 - 2026

Developed a sustainable solar-powered water purification system using ceramic, activated carbon, and UV filtration for rural communities. Led project ideation, coordinated a 5-member team, conducted technical research, and contributed to system design, documentation, and presentation. Achieved 2nd Rank in the project exhibition for innovation and practical implementation.

Hydrorise - Hydraulic Lifting Platform | UDAAN-2K25 Project 2024 - 2025

Developed a hydraulic lifting platform to assist elderly and mobility-impaired individuals in accessing vehicles safely. Collaborated in design, research, material selection, cost analysis, and prototype development, focusing on accessibility, safety, and cost-effective mobility solutions.

Certifications

ELENO Centre of Excellence April 2026

Volunteer, Heroes of Engineering (HOE), MMCOE Pune

Supported the planning and execution of a technical meetup on energy storage technologies through event coordination, logistics management, and participant assistance.

Natural Organic Certification Association 2025 - 2026

Data Entry Intern | Natural Organic Certification Association (NOCA), Pune

Managed data entry and documentation for organic certification projects involving farmers across Maharashtra. Maintained accurate records and supported administrative processes during the internship.