



SAKSHI KOTWAL

Pune, MH

Contact

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PERSONAL PROFILE

As an ambitious mechanical engineer, I have a strong dedication to finish jobs quickly and effectively. My career has been built on my ability to successfully work in a team and achieve deadlines. I enjoy the challenge of solving challenging issues quickly while maintaining good standards. My experience as a team leader in group projects has polished my ability to operate under pressure and improved my attention to detail.

EDUCATION

Bachelor of Technology in Mechanical Engineering

November 2022 - Present

Vishwakarma Institute of Technology, Pune.

Savitribai Phule Pune University, formerly University of Pune, CGPA: 8.03/10.00

Diploma

April 2019 - May 2022

SNJBS Hiralal Hastimlal Jain Brothers Polytechnic Chandwad, Maharashtra, 88.92%

SSC, Class X

June 2009- May 2019

SNJBS Late Shri D.M. Bhansali English Medium School Chandwad, Nashik, Maharashtra, 88%

PROJECTS

Fabrication of Plate Valve Dispensing Machine (Industry Sponsored)

Industry sponsored project by **GABRIEL INDIA PVT. LTD.** Overcame the conventional problem faced by dispenser by modifying the design of Plate Valve Dispenser Machine.

Hydroponic Cupboard

Designed and implemented a hydroponic indoor cupboard farming system, optimizing space for sustainable cultivation. Managed the entire project lifecycle, including system setup, nutrient management, and plant care.

Implementing Lean Principles in a Pathological Laboratory

Applied various principles of lean manufacturing to reduce the and eliminate non-value-added time. Used Value Stream Mapping and 5S techniques to understand process in detail.

Magnetic Gearbox

Developed a magnetic gearbox, aiming to enhance efficiency and reduce mechanical wear. Investigated the performance of a magnetic gearbox, focusing on torque and speed characteristics. Design features, such as magnet arrangement, were found to significantly impact performance.

SKILLS

AUTOCAD

Leadership

Teamwork

Communication

Languages

English

Hindi

Marathi

CERTIFICATIONS

- Certificate of Online Internship and Training from Nashik Engineering Cluster.
- ISO Certificate of Professional AutoCAD by Information Technology and Technical Education Council, Delhi.
- Certificate of Ready Engineer by Tata Technologies.
- Certificate of Olympiad by Eduheal Foundation in subject English, Math and GK.

EXTRA-CURRICULAR ACTIVITIES

Publicity and Outreach Secretary

Vishwa Netrutvam Club, VIT PUNE

Vatsalya Program

Social Welfare Club, VIT Pune

Volunteer at cleanliness drive

iVolunteer, Pune