

# Khandge Tejas Vitthal

Email ID: [tejaskhandge38@gmail.com](mailto:tejaskhandge38@gmail.com)

Mobile: +919322980653

Address: At.Post Tekawadi,Tal.Purandhar,Dist,Pune

## Summary

---

**Motivated and detail-oriented Mechanical Engineering graduate** with strong academic knowledge in design, manufacturing processes, and thermal systems. Proficient in CAD tools such as SolidWorks and AutoCAD, with hands-on experience in academic projects and internships. A quick learner and effective team player, seeking to contribute technical skills and creative problem-solving abilities in a dynamic engineering environment.

## Educational Qualification

---

Bachelor of Engineering (Mechanical)

Pune Vidyarthi Griha College of Engineering, Technology and Management (SPPU)

2023 – 2026

Diploma in Mechanical Engineering

Government Polytechnic Awsari Khurd (MSBTE)

2020 – 2023

## Experience

---

Mechanical Intern, **Alfatech Industries India Pvt. Ltd.**, Pune, Maharashtra

Jan 2025 – Feb 2025

- Assisted the Quality Department in inspecting and verifying mechanical components for dimensional accuracy and compliance with standards
- Gained exposure to SolidWorks for design validation and drawing interpretation
- Observed quality assurance processes including visual inspection, measurement checks, and defect reporting
- Developed a strong understanding of manufacturing tolerances, quality control procedures, and documentation practices

Mechanical Intern, **Microtech Precision Engineering**, Narhe, Pune, Maharashtra

July 2022 – August 2022

- Gained hands-on exposure to basic mechanical workshop practices and component handling
- Worked with AutoCAD for basic drawing interpretation and layout visualization
- Learned the fundamentals of technical drawing, dimensional accuracy, and shop floor safety protocol

## Project

---

Prototype Development of High-Pressure, High-Temperature, Directly Coupled Plunger Pump

Sponsored by **Dampf Kolben**.

- Led a team in designing a directly coupled plunger pump capable of handling high-pressure and high-temperature water for boiler applications
- Used SolidWorks for 3D modeling and ANSYS for structural and thermal analysis to ensure component integrity under extreme conditions
- Successfully achieved desired performance parameters without failure of pump components
- Project addressed industrial need for reliable high-temperature water feed systems in boiler operations

## Academic Achievement

---

- Selected to represent the institute at **DIPEX 2023**, a state-level engineering project exhibition, for the project "Prototype Development of High-Pressure, High-Temperature, Directly Coupled Plunger Pump"
- Achieved **First Class with Distinction** in Diploma in Mechanical Engineering

## Technical Skills

---

SolidWorks, AutoCAD, ANSYS, Fusion 360

## Soft Skills

---

Problem-solving, Teamwork, Time Management, Communication