

KETAN JADHAV

Mechanical Engineering Graduate

+91 6366136214 | ketanjadhav959@gmail.com | LinkedIn

I am a dedicated Mechanical Engineering Graduate from Jain College of Engineering and Research, Belgaum with a strong interest in Aerospace, Mechanical Design, Material Science, Manufacturing, CAD modelling & Quality Control. Looking for opportunities to work in the Industry Where I can work on real-world engineering problems to learn and grow by developing my skills and knowledge in Mechanical engineering and related fields.

WORK EXPERIENCE

Shivraj Calibration & Technical Services LLP
Calibration & Measurements Engineer Intern

Jan 2026 – Present

- Performed Calibration of Mechanical, Electrical and Thermal Instruments as per AMS, API, CQI-9 Standards.
- Assisted in Furnace Calibration, Heat Treatment quality Verification & Developed understanding of industrial quality systems and manufacturing operations.
- Prepared and maintained Calibration Records & ensured Compliance with NABL requirements

Indian Institute of Foundrymen (IIF) – Student Member
Belgaum Foundry Cluster

Apr 2024 – Apr 2026

EDUCATION

Jain College of Engineering and Research, Belgaum
BE- Mechanical Engineering CGPA - 9.12

Aug 2022 – May 2026

Jyoti PU College Belgaum — 12TH/PUC - 81.5%

Jul 2021 – Apr 2022

Saraswati High school, Handiganur — 10TH - 84%

Jun 2019 – May 2020

PROJECTS

Major project on "Estimation of effect of exhaust air recirculation on the performance of Earth Air Heat Exchanger"

May 2025 – Dec2026

Mini project on design and development of 360-degree Fire Extinguisher

Feb 2025 – Apr 2025

Pneumatic Pick-and-Place Mechanism

Jun 2025

SKILLS

- | | | |
|---------------------|------------------------------|--------------------------------------|
| • Mechanical Design | • Calibration & Measurements | • Material Science & Metallurgy |
| • AutoCAD | • Manufacturing Processes | • MS Tools (Excel, Word, PowerPoint) |
| • Fusion 360 | • Heat Treatments | • Basics of Python & C Programming |

CERTIFICATIONS

Participation certificate in Upskilling and aware ness program on "Solar Energy systems Theory and Hands on" — Indian institute of Technology Dharwad

Jan 2024

- Upskilling and aware ness program on "Solar Energy systems Theory and Hands on" organized by Global Center Of Excellence in Affordable & Clean Energy (GCoE-ACE)

**Low Carbon Building Transition — Indian Institute of Foundrymen (IIF),
Belgaum Foundry Cluster**

Oct 2025

- A Certificate of Completion awarded by GGGI and FICCI for successfully completing the Training Program on Low-Carbon Building Transition on 30th October 2025. Issued under the Asia Low Carbon Buildings Transition (ALCBT) Project, supported by the Government of Germany through BMWK under the International Climate Initiative (IKI), Asean Centre of Energy (ACE) and EESL.

AUTOCAD 2D, 3D — CADD Engineering Institute of Technology

May 2025 – Jul 2025

- A Certificate of completion of 3-months AUTOCAD software training.

**Novel Materials: Advances and Applications in Composite Materials Technologies
Gogte Institute of Technology, Belgaum**

Mar 2025

- A 5-day workshop organized by the Department of Mechanical Engineering, Gogte Institute of Technology, in collaboration with ASM International. It focused on the latest developments and practical applications of composite material technologies.

AI for Students: Build Your Own Generative AI Model — NXT- WAVE tm

Mar 2025

- Participated in the online Workshop by AI expert Mr. Abhinav Devaguptapu on "AI for Students: Build Your Own Generative AI Model"

VCADD Workshop on Mechanical Design fundamentals—VCADD Engineering solution

Jan 2025

- This program helped me strengthen my skills in CAD design, 2D drafting, 3D modeling, and visualization.

**Energy Management in Industrial Equipment — Indian Institute of Foundrymen
Belgaum Foundry Cluster**

Oct 2024

- A one-day training program conducted under the BEE-GIZ initiative, focused on energy efficiency in industrial settings using DIGI-TWIN simulators. Organized by the Bureau of Energy Efficiency and GIZ India, and facilitated by the National Productivity Council (NPC).

Outstanding Academic Performance

May 2023

- Outstanding Academic Performance in 1st year with 9.07 CGPA and in 3rd year with 8.99 CGPA