SUBHANKAR KULKARNI

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📍 Jaysingpur, MH 416101

🔗 [Bold Profile](#)

PROFESSIONAL SUMMARY

Dedicated and detail-oriented Mechanical Engineer graduate with a Bachelor's degree in Mechanical Engineering from Kolhapur Institute of Technology. Skilled in machine learning, artificial intelligence, and various CAD software including AutoCAD and SolidWorks. Proficient in Python programming and project management, with proven abilities in effective communication and teamwork. Eager to contribute innovative solutions and technical expertise to enhance engineering processes and project outcomes.

TECHNICAL SKILLS

- Machine Learning
- Artificial Intelligence
- AutoCAD
- SolidWorks
- Python
- Coding
- Project Management
- Metal Casting
- Effective Presentation
- Communication
- Analytical Skills
- Group Discussion
- Teamwork

EDUCATION

Jaysingpur college
Jaysingpur

HSC
GPA: 66%

Laxminarayan Malu Highschool
Jaysingpur

SSC
GPA: 86%

Kolhapur Institute of Technology
Kolhapur • 01/2026

Bachelor of Engineering:
Mechanical Engineering
pursuing

EXPERIENCE

Siemens Manufacturing - **Intern**
Remote • 01/2026 - Current

- Assisted in project planning by defining scope, timelines, and key performance indicators (KPIs)
- Analyzed project data to track progress, costs, and performance against targets
- Calculated Estimate at Completion (EAC) to forecast project costs and financial outcomes
- Supported stakeholder communication by preparing structured updates and insights

Diageo - **Intern**
Remote • 01/2026 - 04/2026

- **Analyzed Distillation and Maturation Processes:** Evaluated complex production workflows to identify critical process variables and recommended strategies to optimize spirit yield and quality.
- **Optimized Conversion Efficiency:** Assessed bottling and packaging "conversion" lines to identify operational bottlenecks and proposed data-driven solutions to enhance production throughput.
- **Applied Operational Excellence Principles:** Leveraged manufacturing data to develop recommendations focused on reducing waste, improving resource utilization, and maintaining global quality standards.
- **Solved Real-World Manufacturing Challenges:** Completed a series of simulated tasks modeled after Diageo's global operations, focusing on end-to-end supply chain integration and process optimization.

JP Morgan - **Intern**
Remote • 10/2025 - 12/2025

- Analyzed historical price data to identify trends and market behavior.
- Modeled and priced a commodity storage contract using quantitative methods.
- Performed credit risk analysis, including bucketing and evaluating FICO scores.

CERTIFICATIONS

Fundamentals of Machine Learning and Artificial Intelligence-AWS Training and Certification – Completed 2025-04-05

Fundamentals of AutoCAD, SolidWorks and T-Flex Machine Learning.org.in – Completed 2025-03-20

Effective Presentations-HP LIFE – Completed 2025-04-05

Project Management (Short Course)Oxford Home Study Centre – Completed 2025-01-26

Python Assessment LearnTube by CareerNinja – Completed 2024-11-18

Metal Casting NPTELHRD (Coursera) – Completed 2025-04-02

German Language - A1 Level NPTELHRD (Coursera) – Completed 2025-04-05

Project based learning winner 2025,kit college of engineering

- Applied data-driven techniques to support financial and risk-based decisions.

TATA - **Intern**
Remote • 01/2025 - 12/2025

- Analyzed business scenarios to identify data requirements and objectives.
- Created clear and effective data visualizations to communicate insights.
- Applied data storytelling techniques to support business decision-making.
- Presented analytical findings in a structured, easy-to-understand format.

PROJECTS

Smart Gearbox Monitoring System, Objective :Developed an IoT-based system for monitoring gearbox performance in real-time, aimed at reducing downtime through predictive maintenance., Role :Led the design and implementation phases, focusing on data acquisition and processing using machine learning algorithms., Skills Utilized :Applied Python for data analysis, AutoCAD for design schematics, and project management skills to oversee project timelines., Results :Increased efficiency of gearbox performance assessments and facilitated early detection of potential failures.

LANGUAGES

English (Fluent)

Hindi (Fluent)

Marathi (Fluent)

German (A1 Level)