

Yashraj Kalshetti

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Portfolio

Profile Summary

- Strong foundation in computer science fundamentals, including programming concepts, data structures, and algorithms.
- Proficient in developing web applications and technical solutions using Java, Python, and the MERN stack.
- Hands-on experience with backend logic, database integration, and writing clean and efficient code.
- Familiar with software development lifecycle, debugging, testing practices, and collaborative project execution.

Relevant Coursework

- | | | | |
|------------------------|-------------------------|--------------------|--------------------|
| • Programming Concepts | • Data Structures | • Database Systems | • Web Technologies |
| • Software Concepts | • Computer Fundamentals | • Problem Solving | • System Basics |

Experience

Innodata Inc. – Freelance Data Annotator

Nov 2025 – Present

- Reviewed, labeled, and validated large-scale datasets for AI/ML training as an independent contractor.
- Ensured high accuracy, consistency, and compliance with detailed annotation guidelines, including sensitive content.
- Performed quality checks and provided feedback to improve dataset reliability and model readiness.

Projects

Realtime Collaboration Tool / MERN, WebSockets, Node.js | [Live App](#)

2025

- Developed a real-time collaboration platform using the **MERN stack and WebSockets** to enable instant messaging and live updates between users. Implemented secure authentication, backend REST APIs, and real-time data synchronization to ensure smooth multi-user interaction. Focused on maintaining application performance, reliability, and scalable communication workflows.

Emotion Recognition in Video Calls / Python, OpenCV, TensorFlow | [Project Link](#)

2025

- Built an emotion recognition system using **Python and computer vision techniques** to analyze facial expressions from video input. Applied image preprocessing, feature extraction, and deep learning models to classify emotions accurately. Enabled real-time emotion detection to demonstrate practical use of AI and video processing concepts.

Secure Chat Application / Node.js, React, Encryption | [Project Link](#)

2024

- Developed a secure chat application with **end-to-end message protection** using encryption techniques to ensure data privacy. Implemented user authentication, secure message transmission, and client-server communication workflows. Focused on reliability, secure data handling, and basic security best practices in web applications.

Technical Skills

Programming Languages: Python, Java, C

Web Technologies: HTML, CSS, MERN Stack

Databases: MySQL, MongoDB

Data & Analysis Tools: Excel, Power BI, Tableau, Power Query

Education

N K Orchid College of Engg. & Tech., Solapur

Aug 2022 – Present

B.Tech CSE – CGPA: 7.80

Achievements

National Finalist – Fintech Olympiad 2025

- Ranked among Top 100 teams nationally; gained exposure to fintech analytics and problem-solving.

Extracurricular / Certifications

- Oracle Cloud Infrastructure 2025 Generative AI Professional (1Z0-1127-25)
- Google Professional Cloud Architect
- Azure Fundamentals AZ-900
- Master Python Programming