

Mayur Nikumbh

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EDUCATION

GH Raisoni institute of engineering and business management

Bachelor of Technology in Computer Science

SSMM Arts, Science & Commerce College

+2 High School

Jalgaon, IN

Nov. 2022 - May 2026

Jalgaon, IN

Aug. 2014 - May 2018

PROJECT AND WORK

AI-Powered Quality Control Solution for Manufacturing

- Developed an AI-driven system to enhance manufacturing quality in India by incorporating real-time defect detection, predictive maintenance, and customizable quality standards.
- Focused on cost-effective, scalable solutions with regional language support and mobile-friendly interfaces for last-mile deployment.
- Aligned with India's goal of becoming a global manufacturing hub by addressing challenges like inconsistent quality and high defect rates.

Cafeteria Management System

- Designed and implemented a comprehensive management system to streamline operations in cafeterias.
- Integrated features such as order tracking, inventory management, and billing systems to improve efficiency.
- Employed object-oriented principles and modular design for scalable development.

Audiometer Application

- Built an innovative audiometer solution to assess hearing thresholds and track auditory performance.
- Utilized Python for signal processing and data visualization, enabling accurate and user-friendly auditory evaluations.

Music Streaming Website

- Developed a responsive front-end for a music streaming platform using HTML and CSS.
- Prioritized user-friendly navigation and seamless design for enhanced user experience.

GitHub - Python Basics & Web Development

- Curated a comprehensive repository of beginner to intermediate Python programs, focusing on core programming concepts and algorithms.
- Contributed to full-stack web development projects using the MEARN stack, showcasing expertise in creating dynamic and interactive applications.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS, Typescript

Frameworks: React, Node.js, Flask, WordPress, Material-UI

Dev Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, aws

Libraries: pandas, NumPy, Matplotlib

LANGUAGES

- ENGLISH
- HINDI
- JAPANESE
- MARATHI