

YASH SAKHARELIYA

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[LinkedIn Profile](#) [GitHub Profile](#)

EDUCATION

Parul Institute of Engg. and Tech.

B.Tech in Information Technology

SSVF - Fareni

Class 12

08 2022 – 06 2026

Vadodara, Gujarat

06 2020 – 04 2022

Dhoraji, Gujarat

SKILLS

Hard Skill: DSA, competitive programming, Machine Learning

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

Developer Tools: Jupyter Notebook, GitHub, PyCharm, DVC, eclipse

Technologies/Frameworks: Git, MongoDB, Flask, Web Scraping, NLP

Concepts: Data Structures and Algorithms, OOPS, OS, DBMS, Back-end Development, Front-end Development

PROJECTS

Student Performance Indicator

- Developed a web application using Python, Machine Learning, and Flask to predict and visualize student performance based on academic and extracurricular data.
- Implemented data preprocessing techniques to handle missing values and standardize input features.
- Deployed the model on a user-friendly interface, allowing teachers and students to gain actionable insights.

Object Detection Model Using Webcam

- Created a real-time object detection system with Python and OpenCV to identify and track objects through a webcam feed.
- Optimized performance to ensure low latency and high frame rates for smooth detection.

Task Management App

- Designed a comprehensive task management application in Python with CLI, GUI, and a Streamlit-based web interface for adding, updating, and tracking tasks effectively.
- Incorporated features like prioritization, deadlines, and task categorization for enhanced usability.
- Implemented a local database for persistent task storage and seamless user experience.

CERTIFICATIONS

Python for Data Science, AI Development

IBM

Coursera

2024

What is Data Science?

IBM

Coursera

2024

HONORS AND AWARDS

Codechef 2.0

Secured 1st position in the coding event organized by Parul University IT Department.

08 2024