

Harshil Mistry

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SKILLS

Languages : Python, PHP, C, C++, Java, HTML, CSS, JavaScript
Frameworks / Libraries : Flask, FastAPI, Django, Tailwind CSS, Bootstrap
Databases : MySQL, MongoDB, Firebase, Supabase, SQLite

PROJECTS

FACIAL RECOGNITION ATTENDANCE SYSTEM

[Github](#)

Python | Flask | OpenCV | NumPy | Pandas | MySQL | HTML | CSS | JS

- Developed a **facial recognition**-based automated **attendance system** using OpenCV, NumPy, and Pandas for image processing and data handling.
- Built a Flask web interface for efficient admin control and attendance monitoring.
- Integrated MySQL to securely manage facial data and maintain attendance records.

MUSICLINK - PLAYLIST MIGRATOR

[Demo](#) | [Github](#)

Python | Flask | MongoDB | HTML | CSS | JS | Spotify API | Google OAuth

- Designed a web app to transfer playlists across platforms like Spotify, YouTube, YouTube Music, and JioSaavn.
- Integrated **multiple APIs** and used **web scraping** to fetch and match metadata when APIs were unavailable.
- Implemented **asynchronous processing** and **smart caching system** to reduce latency and cut playlist transfer time by **~50%**.

CHARUSAT GYM PORTAL

[Demo](#) | [Github](#)

PHP | MySQL | HTML | CSS | JS | Payment Gateway Integration

- Developed a portal for Charusat University gym to manage registrations, subscriptions, workout guides, and notifications.
- Integrated a **secure payment gateway** with session validation and Student ID verification for authorized access.
- Built an **admin dashboard** to monitor stats, track subscriptions & members, and manage finances efficiently.

EXPERIENCE

ENLIGHTEN INFOSYSTEMS

Vadodara, Gujarat

Python Developer Intern

Aug 2023 – Sep 2023

- Explored the Flask framework by building basic web projects to understand backend workflows.
- Developed foundational RESTful APIs to practice data handling and server-client communication.
- Strengthened problem-solving skills by working on small yet complex tasks related to backend development and debugging.

AIML CLUB - CHARUSAT

Changa, Gujarat

Web Team Lead

Feb 2025 – Present

- Managed and guided a team of 5 in planning and executing initiatives, including workshops and peer learning sessions.
- Led the development of the official [Club Website](#) enhancing online presence of the Club.

PROFESSIONAL DEVELOPMENT

- **Certifications:** DSA using Java (NPTEL), Design and Analysis of Algorithms (NPTEL), Matlab Onramp (MathWorks), Getting started with AI on Jetson Nano (Nvidia)
- **Workshops:** High Performance Computing (Charusat), ML on Nvidia Jetson Nano (Charusat), LLM and RAG (Charusat)
- **Hackathons:** ThinkBiz - Adani Techathon (2025), Odoo x Charusat Hackathon (2025)

EDUCATION

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Changa, Gujarat

Bachelor of Technology in Computer Science and Engineering

July 2024 - May 2027

- CGPA : 9.57

DRS. KIRAN AND PALLAVI PATEL GLOBAL UNIVERSITY

Vadodara, Gujarat

Diploma in Computer Science and Engineering

Aug 2021 - May 2024

- CGPA : 9.50