

JAIMIN GODHANI

Software Developer

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Education

Rajiv Gandhi Institute of Petroleum Technology

Bachelor of Technology in Computer Science Engineering, 8.60 CPI

Amethi, India

Dec 2021 – May 2025

Vidhyanjali Academy

Class XII, 78%

Kota, India

2018 – 2020

JNV Bhavnagar

Class X, 93%

Bhavnagar, India

2014 – 2018

Technical Skills

Languages: JavaScript, TypeScript, HTML, CSS, C++, C, Python

Developer Tools: Git, GitHub(CI/CD), Docker, Terminal, Postman, Figma, Jupyter Notebook

Technologies/Frameworks: React, Recoil, Next.js, Node.js, Express, Flask, FastAPI, MongoDB, Prisma ORM, Redis, GraphQL, Tailwind CSS, Material UI, PostgreSQL, OpenCV, NumPy, Pandas, TensorFlow, Matplotlib, Sci-kit Learn

Personal Projects

QueryPDF - [Github](#)

05/2024-06/2024

- AI-Powered Document Query System (**FastAPI**, **PyPDF2**, **LangChain**, **Google Generative AI**, **FAISS**, **React**, **Tailwind**).
- Developed a web application that allows users to upload PDF documents and query their content using **FastAPI**.
- Implemented PDF text extraction with **PyPDF2** and sophisticated text chunking for handling large documents.
- Utilized **Google Generative AI** for creating embeddings and **FAISS** for high-performance similarity searches.
- Designed a conversational chain with **LangChain** to provide detailed, context-aware answers to user queries.
- Built a dynamic and responsive frontend with **React** and **Tailwind CSS**, ensuring a smooth user experience.

Smart Attendance System - [Github](#)

08/2023-12/2023

- Developed a Face Recognition system using **OpenCV** with real-time pose estimation and alignment.
- Utilized pre-trained models for face detection and OpenFace for facial embeddings.
- Trained an **SVM** model for accurate face recognition, enhancing clustering and classification techniques.
- Created a user-friendly system with clear instructions, reducing setup time by 60%.

Coursify - [Github](#)

07/2023-08/2023

- E-Learning Web App (**MongoDB**, **Express**, **Node**, **React**, **JWT**, **Material UI**).
- Developed Coursify, a dynamic e-learning web app using **MERN** stack with **MongoDB**, **Express**, **React**, and **Node.js**.
- Created an intuitive and responsive user interface using **React** and **Material UI**, enhancing the app's visual appeal and user experience.
- Architected the backend with **Express** and **Node.js**, implementing server-side logic for smooth data handling.
- Leveraged **MongoDB** as the database for efficient course management.
- Implemented secure user authentication with **JWT**, ensuring data privacy and secure course access.

Achievements

Secured 3rd place in Hackathon held at RGIPT (Urjotsav).

Finalist (top 10 out of 200+ participants) in the Hack-AI Hackathon at Techfest (IIT Bombay).

Solved 300+ problems on LeetCode and CodeChef.

Qualified for the IIT-JEE Advanced 2021, ranking in the top 1.84% out of 150,000+ candidates.

Coursework

100xdevs Cohort

This is an initiative by **Harkirat Singh** to personally mentor folks in the field of Programming.

Harkirat Singh

06/2023-10/2023

The Complete 2023 Web Development Bootcamp

HTML, CSS, Javascript, Node, React, PostgreSQL, Web3 and DApps.

Angela YU

06/2023-10/2023