

# ZISHAN IRFAN VHORA

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## SUMMARY

Computer Engineering student with a backend-focused development mindset and strong problem-solving skills. Experienced in designing system architecture, building RESTful backends, integrating real-time data systems, and deploying multi-service applications through hands-on projects and hackathons. Seeking backend or systems-oriented engineering roles.

## SKILLS

- **Programming Languages:** Python, Java, JavaScript, SQL, C, PHP
- **Backend & Web Technologies:** FastAPI, Flask, Django, HTML, CSS, Supabase
- **Databases:** MySQL, PostgreSQL, SQLAlchemy
- **Cloud & Deployment:** Vercel, Render, Google Cloud (Basics), Linux
- **Data & Machine Learning:** Pandas, NumPy, scikit-learn, Jupyter Notebook
- **Tools & Collaboration:** Git, GitHub, Process Automation, Team Collaboration

## TECHNICAL EXPERIENCE

### CareFlow Nexus – Hospital Resource Orchestration System

[Live App](#) | [GitHub](#)

*FastAPI, Python, Firebase, Render*

- Designed the system architecture and API contracts governing interactions between frontend, backend services, agents, and the real-time data store.
- Built a FastAPI-based backend in Python to orchestrate real-time hospital workflows through well-defined REST APIs.
- Integrated Firebase for real-time data synchronization and deployed frontend, backend, and agent services across Vercel and Render.

### BunkStop – Attendance Tracker Web Application

[Live App](#) | [GitHub](#)

*React, Supabase (PostgreSQL), Vercel*

- Refactored backend logic of a live application to improve maintainability and performance for 30+ active users.
- Executed a data migration between Supabase database instances while preserving data integrity.
- Redesigned the database schema and managed the end-to-end deployment pipeline on Vercel.

### SkillMatch – ML-Based Job Recommendation System

[Live App](#) | [GitHub](#)

*Python, Streamlit, scikit-learn*

- Built and deployed an ML-powered job recommendation application using a supervised learning approach.
- Trained and evaluated a Random Forest classifier on a Kaggle dataset with feature preprocessing and model tuning.

## ORGANIZATIONAL & TEAM EXPERIENCE

### Student Training and Placement Coordinator

Feb 2025 – Present

*Sardar Vallabhbhai Patel Institute of Technology*

*Vasad, Gujarat*

- Supported execution of official campus placement drives and coordinated logistics during live recruitment events.
- Organized and managed mock placement drives for 200+ students in collaboration with a team of coordinators.
- Improved operational efficiency by automating data handling workflows using Google Apps Script.

## EDUCATION

### Sardar Vallabhbhai Patel Institute of Technology, Vasad

2024 – 2027

*Bachelor of Computer Engineering*

*CPI: 7.26*

### Polytechnic, Maharaja Sayajirao University of Baroda

2021 – 2024

*Diploma in Computer Engineering*

*CPI: 8.21*

## CERTIFICATIONS

**Code Unnati Foundation Course** – Python, Data Analysis, Machine Learning, SAP Conversational AI