

PATEL PRIT MINESHBHAI

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EDUCATION

Drs. Kiran & Pallavi Patel Global University
Bachelor of Technology in Information Technology; CGPA: 8.48

Gujarat, India
September 2022 - June 2026

SKILLS SUMMARY

- **Languages:** Python, HTML, CSS, JS, JAVA, PHP, SQL, C, C++
- **Frameworks:** Django, Bootstrap, React
- **Tools:** MySQL, SQLite, phpMyAdmin, Git, GitHub, Postman, Figma, WordPress
- **Platforms:** VS Code, IntelliJ IDEA, Jupyter Notebook, Android Studio, XAMPP, GitHub
- **Soft Skills:** Team Collaboration, Communication, Time Management, Leadership, Project Management

LANGUAGES

- English
- Hindi
- Gujarati

PROJECTS

TOUCHPAY – Biometric Payment System (SSIP-Funded Project) *November 2024 – Ongoing*

Funded by SSIP with ₹40,000/- grant

- Developed a secure web-based digital wallet system using **Django**, integrating **biometric fingerprint authentication** for user login and transaction verification.
- Implemented **Razorpay API** for wallet recharge and added support for **bill payments** (electricity, FASTag), **UPI transfers**, and **bill generation**.
- Designed a robust backend with **8+ Django models** covering user management, transaction history, fingerprint data, wallet balance, fund withdrawal, and Razorpay-based fund addition.
- Structured the system with **3 user roles**:
 - **Admin** (responsible for fingerprint enrollment and overall system management),
 - **User** (can recharge wallet, pay bills, and authenticate via fingerprint),
 - **Merchant** (can add products, generate bills, and accept biometric payments).

JARVIS – AI Virtual Assistant

June 2025 – July 2025

- Developed a **Python-based AI desktop assistant** capable of **15+ tasks** (open apps, WhatsApp, Wikipedia, email).
- Used **SpeechRecognition**, **Pytsx3**, and **webbrowser** libraries.
- Packaged and deployed for **Windows/macOS** using **PyInstaller** with GUI enhancements.

INVOICE GENERATOR

February 2025 – April 2025

- Integrated **Google Pay QR code generator** to create scannable UPI payment codes instantly after invoice creation, streamlining the billing-to-payment process.
- Designed a **dynamic item selection dropdown** with **Gujarati-English bilingual support**, enabling quick selection from **20+ predefined SKUs**, reducing item entry time by **40%**.

WORKER MANAGEMENT SYSTEM

April 2025 – May 2025

- Developed a Python-based system to **track daily work entries** and **generate monthly reports** for **50+ workers**.
- Implemented features to **add, update, and remove employee records**, ensuring accurate and up-to-date data management.
- Used **MySQL** for storing structured data, with custom SQL queries to manage attendance logs and work summaries.

HAND GESTURE CONTROL

November 2024 – December 2024

- Developed a system using OpenCV to control computer functions with **6+ hand gestures**, including click, scroll, and drag.
- Extended functionality to manage **3 key system controls: brightness, volume, and slideshow navigation**.
- Achieved gesture recognition with over **90% accuracy** using contour detection, convex hulls, and real-time tracking techniques.

EAZYRAIL

July 2023 – August 2023

- Developed **EAZYRAIL**, a **PHP-based Railway Management System** in **4th semester** with **5+ core features** including train search, ticket booking, seat availability, and cancellations.
- Implemented **2 user roles: Admin** (manage trains/schedules) and **User** (book/cancel tickets, view history) with secure login.
- Utilized **OOP concepts and MySQL** to manage **100+ train records**, ensuring modular code structure and efficient data handling.

PROFESSIONAL EXPOSURE

Google India Visit – Gurgaon Headquarters

19th June 2025

- Participated in an academic industrial visit to **Google's Gurgaon campus**, gaining firsthand exposure to real-world tech practices.
- Explored **AI/ML integration, cloud infrastructure, and Google's product development cycle**.
- Interacted with engineers and product leads to understand **system design, scalability, and workplace culture**.

Odoo India Visit – Ahmedabad Headquarters

Visited in November 2024 (5th Semester)

- Attended a guided tour of **Odoo's India Development Center** to understand its ERP and open-source product ecosystem.
- Learned about **modular ERP architecture, backend workflows, and CRM customization**.
- Engaged with developers on **real-time deployment, API integration, and agile collaboration** in client projects.

eInfochips Visit – Ahmedabad.

Visited in August 2023 (3rd Semester)

- Visited **eInfochips**, a leading product engineering and semiconductor design firm.
- Explored areas like **embedded systems, IoT solutions, and VLSI design workflows**.
- Understood the company's approach to **hardware-software integration, quality assurance, and industry-focused R&D**.

CERTIFICATES

IoT Development Workshop – Certificate of Participation

22nd Sept 2023 – 23rd Sept 2023

- Secured **3rd rank** in a practical workshop focused on **sensor interfacing, Raspberry Pi, and real-time data communication**.

CodeUnnati Program - Edunet Foundation (in collaboration with SAP)

2024 - 2025

- Completed **digital fluency, soft skills, and hands-on development modules**.
 - Participated in group projects and coding workshops with **real-world simulation tasks**.
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