

# Raj Shreyalsinh Kishorsinh

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## PROFILE SUMMARY

Enthusiastic Information Technology undergraduate with strong foundational knowledge in programming, software development, computer vision, and database systems. Demonstrated ability in developing user-centric applications through academic projects and self-driven initiatives. Quick learner with excellent problem-solving, communication, and teamwork skills. Passionate about leveraging emerging technologies to build accessible and secure software solutions.

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## TECHNICAL SKILLS

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

**Frameworks/Libraries:** Django, React.js, Node.js, OpenCV

**Tools & Platforms:** Git, VS Code, MYSQL, SQL, Jupyter Notebook, Xampp, GitHub, IntelliJ IDEA

**Soft Skills:** Problem-solving, Team collaboration, Time management, Creativity and Innovation

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## EDUCATION

**Drs. Kiran & Pallavi Patel Global University**

Bachelor of Information Technology,

CGPA: 8.39/10

**Vadodara, Gujarat**

*September 2022 - June 2026*

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## CERTIFICATION

**Code Unnati Program - Edunet Foundation (in collaboration with SAP)**

*2024 – 2025*

- Completed comprehensive training in **digital literacy, problem-solving strategies, and workplace readiness.**
- Engaged in **practical projects** that enhanced **IT skills, communication, teamwork, and real-world coding experience.**

**IoT Development Workshop**

*22th Sept 2023 – 23th Sept 2023*

- Certificate of **Participation**
- Attended a practical **IoT workshop** covering **sensor interfacing, Raspberry Pi, and real-time data communication.**

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## PROJECTS

**Gesture Control Mouse**

*Nov 2023 – Dec 2023*

- Created a **gesture-controlled** interface with **OpenCV**, allowing over **6 different hand gestures** to perform actions like **clicking, scrolling, and dragging.**
- Improved system features to include **control of brightness, volume, and presentation navigation** with specific **hand movements.**
- **Achieved gesture recognition accuracy** of over **90%** by using **contour analysis, convex hull algorithms, and live motion tracking.**

## **TOUCHPAY – Biometric Wallet & Payment System**

*November 2024 – Ongoing*

**Grant Awarded: ₹40,000 by SSIP (Student Startup and Innovation Policy)**

- Developed a **digital wallet web app** using **Django** that includes **fingerprint authentication** for secure **user login**.
- Integrated **Razorpay** for **wallet top-ups** and added services such as **electricity** and **FASTag bill payments**, **UPI transfers**, and **invoice generation**.
- Created a strong **backend** with over **8 models**, support for **3 different user roles**, and **more than 20 views**, all linked to a **MySQL database**.
- **Received ₹40,000 grant from Gujarat Government's SSIP for innovation and implementation.**

## **JARVIS – AI Virtual Assistant**

*June 2025 – July 2025*

- Built a **Python-powered AI desktop assistant** that can perform over **15 tasks**. These tasks include **launching applications**, **sending WhatsApp messages**, **browsing Wikipedia**, and **managing emails**.
- I used libraries like **Speech Recognition**, **Pyttsx3**, and a **web browser** to enable **voice command processing** and **interaction**.
- I packaged the assistant with **PyInstaller** for deployment on both **Windows** and **macOS**. I also added a **user-friendly GUI** to improve **accessibility**.

## **EAZYRAIL**

*July 2023 – August 2023*

- Created **EAZYRAIL**, a **Railway Management System** using **PHP** in the **4th semester**. It features over **5 key modules**, including **train lookup**, **ticket booking**, **seat availability checks**, and **cancellations**.
- I designed **role-based access control** for **Admin**, which manages train details and schedules, and **User**, who can book, cancel, and view history. This system is **secured with authentication**.
- I applied **object-oriented programming (OOP)** and **MySQL** to manage **more than 100 train entries**.

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## **PROFESSIONAL EXPOSURE**

### **Google India Visit (Gurugram, India)**

*19th June, 2025*

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

### **Odoo India Visit Professional Interaction (Ahmedabad, India)**

*Nov, 2024*

- Participant, **5th Semester Industry Visit**
- Took part in an industrial exposure program with a visit to **Odoo India headquarters**.
- Gained an understanding of **ERP architecture**, **modular development**, and **open-source practices**.
- Explored **Odoo's unified platform** featuring **CRM**, **sales**, **inventory**, and **HR management modules**.
- Observed **Agile-based development** process and **company culture** through live demonstrations.

### **eInfochips (Ahmedabad)**

*August 2023*

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