Shwet Manojbhai Patel

Phone: +91 9429112912

Email: shwetmanojbhai@gmail.com

Address: B-305 Shradhdha Avenue, Tajpura Road, Padra, Vadodara 391440

LinkedIn | **Git-Hub** | **Portfolio**

Professional Summary

➢ Detail-oriented software developer skilled in Java, MySQL, Python, and React Native, with hands-on experience building full-stack systems, AI-based applications, and real-time IoT solutions. Proven ability to lead backend development, collaborate in team-based projects, and deliver practical, high-impact applications - from management systems to AI surveillance and mobile apps. Strong problem-solver focused on creating efficient, user-centered solutions

Education

➢ Secondary School Certificate (SSC)
Zen School, Padra | 2021
Score: 89%

➢ Higher Secondary Certificate (HSC)
Aditi Science School, Padra | Graduated in 2023
Score: 64%

➢ Bachelor of Technology (B.Tech) in Computer Science
Navrachna University, Bhayli | 2023 – Pursuing
Current CGPA: 7.92 (Fifth Semester, Third Year)

Technical Skill

- Programming Language: Java (Core), Python, C
- Database: MySQL
- Web Development: HTML, CSS, JavaScript
- Database: MySQL
- Tools: VS Code, Linux (Basic), Git - GitHub, MS Office
- Academic Knowledge: Data Structure & Algorithms, Machine learning, Object-Oriented Programming, DBMS

Projects

- **Clinic Management System:** Built a dual-platform system (Swing desktop + Servlet web app) to streamline clinic workflows, reducing admin effort by 30%.

- **Bank Management System:** Built a Java Swing + MySQL system with interfaces for 5 core functions, streamlining transactions and improving processing time by 15%.

- **University Management System:** Developed a Java–MySQL system for managing records, leaves, marks, results, and fees, boosting administrative efficiency by 25%.

- **Ai-based Web Scraping Model:** Worked in a 4-member team to build a Python web app that scrapes supplier data and integrates an AI agent; led backend development to deliver clean, filtered, and reliable data for small wholesalers.

- **Campus AI Surveillance**: Developed with a 3-member team using Python, OpenCV, and Flask for real-time monitoring to detect large gatherings, fights, weapons, and unauthorized access, providing instant alerts through advanced video processing and object detection.

- **SnackIt**: Built with a 3-member team using React Native and Supabase; enables users to share recipes, explore community posts, get smart ingredient-based suggestions, and access a personal dashboard with an integrated in-app store.

- **QAir-Asthma**: Built with a 3-member team using React Native, Supabase, and IoT components to track inhaler usage in real time, map usage events, detect danger-zone clusters, integrate live weather data, and generate reports for better asthma management.

- ➢ **CommUnity:** Solo-developed React Native social app with memory sharing, chat, reels, and a personal dashboard; powered by Supabase for smooth cloud-based data management and a connected user experience.

Certification

- ➢ **Participated in Tinkerthone 2025** – 24-hour Hackathon (College-level)
- ➢ **Participated in Intellithon** – 30-hour Hackathon
- ➢ **Participated in IndiGenius AI Hackathon** - 9-Hour Hackathon

Languages Known

- ➢ Gujarati (Native Language)
- ➢ Hindi
- ➢ English