

SAHIL PATEL

Aspiring Software Developer / Java & Python Enthusiast / UI/UX Explorer

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EDUCATION

Parul University

Bachelor of Technology in Computer Science and Engineering

Vadodara, Gujarat

June 2024 – Present

- Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks, Software Engineering
- Currently mastering DSA concepts and competitive programming using Python, and web development

Bhagwan Mahavir University

Diploma in Computer Engineering

Surat, Gujarat

July 2021 – May 2024

- Built a strong foundation in programming fundamentals, web development, and software design principles

TECHNICAL SKILLS

- Programming Languages:** Java, Python, C++, C, JavaScript
- Web Technologies:** HTML5, CSS3, JavaScript, Responsive Web Design
- Design Tools:** UI/UX Design, Figma
- Competencies:** Data Structures & Algorithms, Object-Oriented Programming, Problem Solving, Debugging
- Development Practices:** Version Control (Git), Agile Methodologies, Code Optimization, Testing
- Operating Systems:** Windows, Linux
- Soft Skills:** Analytical Thinking, Continuous Learning, Team Collaboration, Adaptability

PROJECTS

StockFlow ERP

[Live Demo](#)

- Inventory & Sales Management System:** Developed a full-stack ERP application with real-time product inventory tracking, automated restock alerts, category-based organization, sales order creation, and PDF bill generation, along with comprehensive sales analytics
- Secure Authentication & User Management:** Implemented role-based authentication with Passport.js and JWTs, integrated Google OAuth, and built password reset/recovery functionality with email notifications via Nodemailer
- Analytics, Reporting & Notifications:** Built a comprehensive analytics dashboard with sales reports, inventory insights, audit logs for compliance, and a real-time notification system for critical events like low-stock alerts
- Tech Stack:** React, Redux, Tailwind CSS, Vite (Frontend) | Node.js, Express.js, MongoDB, Passport.js, Cloudinary (Backend) | Deployed on Vercel

Portfolio Website

Live Demo

- Built a fully responsive personal portfolio website using React, TypeScript, Vite, and Tailwind CSS, featuring smooth animations with Framer Motion and a modern glassmorphism design aesthetic
- Showcased technical skills and projects, including sections for About, Skills, Education, Certificates, Projects, and a Contact form, with organized navigation and interactive UI elements
- Demonstrated proficiency in Python, Java, React, UI/UX Design, and DSA through featured projects like StockFlow ERP, with live deployment links and GitHub repository integration

CERTIFICATIONS

- Earned certifications in **Prompt Engineering** and **UI/UX Design** from Parul University
- Completed **AI for Business** certification from HP, validating expertise in applied AI strategies, automation, and user-centered design systems

LEADERSHIP & ACTIVITIES

Technology Enthusiast & Self-Learner

- Continuously expanding technical skillset through online courses, documentation, and hands-on projects
- Actively contribute to open-source projects and engage with developer communities to share knowledge
- Mentor junior students in programming fundamentals and web development technologies