

Pakshal Shah

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EDUCATION

SVKM's Dwarkadas J. Sanghvi College of Engineering

B.Tech in Information Technology ,8.14

Vile Parle, Mumbai

Aug. 2023 – May 2026

Pravin Patil College of Diploma Engineering and Technology

Diploma in Computer Engineering, 91.09

Bhayander, Mumbai

Aug. 2020 – May 2023

S. L. Porwal English Medium High School

Secondary School Certificate, 88.8

Bhayander, Mumbai

Aug. 2007 – May 2020

EXPERIENCE

Flutter Developer Intern

Branding Catalyst Pvt.Ltd.

July 2022 - August 2022

Andheri, Mumbai ,On-site

- Delivered multiple dynamic front-end screens and assembled them within different levels of application.
- Directed and handled a team of 15 people, Coordinated with other teams for project delivery.
- Built flutter applications and collaborated with different teams.

Full-Stack Web Developer Intern

Vitrag Estates Agency

Dec. 2024 – Jan. 2025

Hybrid

- Designed and built a dynamic Real Estate website using MERN stack tailored to client requirements.
- Developed React-based responsive frontend and integrated backend with MongoDB via Express and Node.js.
- Deployed project using CPANEL hosting on SpidyHost, ensuring optimized load speeds and cross-browser compatibility.

PROJECTS

Split Money | *MongoDB, React , Node.js ,Express, Vercel, [Link to Site](#)*

June 2024

- Architected a full-stack web application using MERN Stack to manage group expenses.
- Designed and implemented RESTful APIs to handle authentication, group management, and expense tracking.
- Developed a dynamic React frontend for an intuitive user experience, featuring real-time updates.
- Integrated seamless backend calculations for tracking balances, identifying payees, and generating summaries for settling expenses.

RAG Chatbot (Chat with PDFs) | *Flask, MERN, FAISS, LangChain, [Source Code](#)*

April 2025

- Built a Retrieval-Augmented Generation chatbot to answer user queries based on uploaded PDFs.
- Processed documents and embedded chunks using FAISS vector store for efficient semantic retrieval.
- Used LangChain to connect retrieval pipeline with OpenAI LLMs via Flask backend.
- Designed an interactive MERN-based frontend enabling chat interface and document upload.

Solar Monitoring System | *C++, Arduino, HTML, CSS , JavaScript, [Source Code](#)*

May 2023

- Developed a model and website following the system's use and applications.
- Created multiple attributes related to income, maintenance, and system operation using sensors.
- Used Arduino Uno to gather and send data for cloud storage and remote analysis.

ACHIEVEMENTS AND CERTIFICATIONS

- Cisco Certified Network Associate (CCNA): Introduction to Networks – Cisco Networking Academy.
- Participated in Multiple State Level Technical Quiz Competitions organized by MSBTE colleges.
- Finalist in Hackhaven (L.R Tiwari) and Level-Up hackathon (Somaiya).
- Participant in State Level Paper Presentation Competition at BVIT College of Engineering.

SKILLS

Coding Languages: C/C++, Java, Python ,SQL ,JavaScript ,HTML/CSS.

Frameworks: React, Flutter

Database: MongoDB, MySQL ,Firebase.

Developer Tools: Git, Visual Studio, PyCharm, IntelliJ, Eclipse ,Node.js, ExpressJS

Languages: English , Hindi , Gujarati , Marathi

Assets: Team Leadership , Problem Solving , Project Management