

Khush Patel

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EDUCATION

Vellore Institute of Technology, Vellore, Tamil Nadu

B.Tech. Computer Science and Engineering

Sept 2022 – Present

GPA 9.16

Nalanda International School, Vadodara, Gujarat

12th grade ISC

10th grade ICSE

July 2010 – May 2022

93%

90%

EXPERIENCE

Evently Technologies

Software Engineering Intern

May 2025 – July 2025

Vadodara, Gujarat

- Engineered and launched a full-stack stock investment app using React Native, FastAPI, and NestJS.
- Integrated AI-powered features with Gemini and LangChain, leveraging prompt engineering to build AI agents.
- Oversaw the complete software lifecycle, from architecture and coding to quality assurance and deployment.

L&T Power

ML Intern

June 2024 – July 2024

Vadodara, Gujarat

- Built a Siamese Neural Network for facial recognition, matching employee faces to existing database records.
- Designed and exposed an API to track and verify employees, enhancing workplace attendance and security.

POSITIONS OF LEADERSHIP

Chairperson, SAE-VIT

Jan 2025 – Present

- Directed and motivated the board to record-breaking achievements, securing the prestigious Elite Chapter Award.

Co-Secretary, SAE-VIT

Jan 2024 – Jan 2025

- Orchestrated 100+ events, including high-profile national competitions with substantial budgets and prize pools.

PROJECTS

Deep Learning Approaches for Analysis of Peripheral Blood Smears — Research Project

- Trained deep learning models on annotated blood smears to identify and count RBCs, WBCs, and platelets.
- Built anomaly detection methods and delivered an interactive Streamlit web app for real-time predictions.

Stock Price Predictor — Data Science Project

- Collected stock market data by web scraping, cleaned datasets, conducted exploratory analysis to uncover trends.
- Applied ARIMA model to forecast future stock prices, evaluating accuracy with standard error metrics.

Pharmaceutical Identification Tool — AI-Powered Web Application

- Enabled seamless access to medication information, benefiting both healthcare professionals and individuals.
- Implemented OCR with machine learning-based text matching using Flask for accurate drug identification.

Academic Performance Analyser — Web Development Project

- Created a web platform for VIT students, integrating tools for precise academic monitoring and management.
- Utilized vanilla JavaScript to achieve lightweight performance, reduced load times, and greater customization.

SKILLS

Technical Skills: Java, Python, C, C++, R, HTML, CSS, JavaScript, SQL, AWS, Assembly

Frameworks/Tools: React, React Native, Flask, Nest.js, APIs, N8N, Loveable, Cursor

Soft Skills: SDLC, Project Management, Team Leadership, Event Management, Quick Learner, Critical Thinker