



## BRIEF SUMMARY

I'm Kalp Shah, a Data-driven Full-Stack Developer & Analyst who excels at transforming complex data into actionable insights and building robust, user-centric applications.

As a Machine Learning Engineer and Frontend Engineer, I combine deep data analysis capabilities with strong frontend development skills to deliver high-performance, scalable solutions. My expertise spans the development of intelligent machine learning models and the creation of compelling user interfaces. I bring proven problem-solving and communication skills to every project, driving innovation and delivering impactful results.

## KEY EXPERTISE

Data Analysis   Communications   Problem Solving   Machine Learning   Data Science   Front-End Web Development  
Web Development   Java   SQL   Databases   Javascript   Deep Learning   Artificial Intelligence   Python   NLP  
Docker   Github

## EDUCATION

Parul University	2022 - 2026
B.Tech. - CSE - PIET   CGPA: 7.96 / 10	
Vithal Vidyalaya, Vadodara	2022
12 <sup>th</sup>   GSEB   Percentage: 49.38 / 100	
BRIGHT DAY SCHOOL, Vadodara	2020
10 <sup>th</sup>   GSEB   Percentage: 74.50 / 100	

## PROJECTS

Time Series Analysis and Forecasting for Stock Market	16 May, 2025 - 02 Jun, 2025
Mentor: Self Learning	
Key Skills:	
Machine Learning   Python   Time Series Analysis   Deep Learning(LSTM)   Web Scraping Exploratory Data Analysis (EDA)   Financial Market Understanding   Problem Solving   Critical Thinking	
Project Link: <a href="https://github.com/KalpShah1384/Time-Series-Forecasting/blob/main/RelianceTimeForecasting.ipynb">https://github.com/KalpShah1384/Time-Series-Forecasting/blob/main/RelianceTimeForecasting.ipynb</a>	
Stock Market Forecasting Project	
I led a project on stock market forecasting, managing the full data science lifecycle from data acquisition and preprocessing (Open, Close, High, Low, Volume) to model deployment.	
I developed and evaluated both traditional statistical models (ARIMA, SARIMA, Prophet) and advanced deep learning models (LSTMs), assessing performance with RMSE, MAE, and MAPE. I also conducted extensive EDA and visualization to identify trends in financial data.	
This project significantly honed my Python, statistical modeling, and deep learning skills, demonstrating my ability to apply data-driven approaches to real-world forecasting challenges.	
MedLinkPlus	16 Jan, 2025 - 23 May, 2025
Mentor: Self Learning	
Key Skills: Front-End Web Development   Full Stack Development   MERN Stack Developer   Javascript   Databases	
MedLinkPlus – A Full-Stack Healthcare Platform	
Developed a comprehensive MedTech software solution aimed at transforming healthcare delivery by enhancing digital record management and patient engagement. The platform integrates role-based modules for doctors, patients, and pharmacies, offering features such as QR code-enabled prescriptions, real-time appointment scheduling, online medicine ordering, digital medical record storage, and AI-powered chatbot support. Implemented secure payment gateways and video consultation functionality to improve accessibility. Built using full-stack technologies with a strong focus on user experience, data privacy, and scalability for future healthcare applications.	
Data-Driven EdTech Content Strategy & Engagement Analytics	01 May, 2025 - 10 May, 2025

**Mentor:** Self-Directed Learning

**Key Skills:**

Python (Pandas, NumPy), Data Cleaning & Preprocessing, Problem Solving, Data Analytics, Machine Learning

Business Acumen, Independent Project Management, Trend Analysis

**Project Link:** <https://app.powerbi.com/view?r=eyJrIjoiNzQ3MjY4YjktYzIzYy00YmEyLWE3ZmEtNTNiZTljMTRmZjk3IiwidCI6ImI3YzM5ODYzLTVkMjUtNGEwNi05MDQ3LWUyNzAzMDAxZjlkZSJ9>

### EdTech Lecture Optimization Project

I led an independent data analysis project for an EdTech startup to optimize their recorded lectures and drive growth. This involved cleaning and preprocessing diverse datasets.

I analyzed market trends, viewer engagement (viewership, language, subtitles), and content performance (instructor ratings, course duration vs. viewership).

My key achievement was designing a data dashboard to visually present these insights, enabling the client to make strategic decisions and identify growth areas.

## WEB LINKS

- o Github - <https://github.com/KalpShah1384>

## PERSONAL DETAILS

**Gender:** Male

**Marital Status:** Single

**Current Address:** 20, VRUNDAVAN NAGAR-2 BAMROLI ROAD

GODHRA 389001 PANCHMAHAL GUJARAT, Godhra, Gujarat,  
India - 389001

**Emails:** 2203031050603@paruluniversity.ac.in , a1384shah@gmail.com

**Date of Birth:** 13 Aug, 2004

**Known Languages:** ENGLISH, HINDI, GUJARATI

**Phone Numbers:** +91-7622811384, +91-9726250566