



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

PROJECTS

Time Series Analysis and Forecasting for Stock Market 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: https://github.com/KalpShah1384/Time-Series-Forecasting/blob/main/RelainceTimeForecasting.ipynb 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.	16 May, 2025 - 02 Jun, 2025
MedLinkPlus 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.	16 Jan, 2025 - 23 May, 2025
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=eyJrIjoibm90YmEyLWE3ZmE0NTNiZTljMTRmZjk3IiwidCI6ImI3YzYzM5ODYzLTVMjU0tNGEwNi05MDQ3LWUyNzAzMDAxZjlkZSJ9>

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	Date of Birth: 13 Aug, 2004
Marital Status: Single	Known Languages: ENGLISH, HINDI, GUJARATI
Current Address: 20, VRUNDAVAN NAGAR-2 BAMROLI ROAD GODHRA 389001 PANCHMAHAL GUJARAT, Godhra, Gujarat, India - 389001	Phone Numbers: +91-7622811384, +91-9726250566
Emails: 2203031050603@paruluniversity.ac.in , a1384shah@gmail.com	