

RUDRAX RANA

+91 7649801081 ◊ Gujarat

rudrax010205@gmail.com ◊ [Portfolio](#)◊ [LinkedIn](#)◊ [GitHub](#)

SUMMARY

Computer Science student at Parul University specializing in Artificial Intelligence. Proven track record in building production-ready APIs and full-stack applications. Passionate about applying ML models to real-world problems and delivering scalable backend solutions.

EDUCATION

Parul University	Vadodara, Gujarat
B.Tech in Computer Science – Specialization in Artificial Intelligence	Aug 2023 - Expected May 2027

Class 12th (Senior Secondary)	74.8%
Aninence Public HS School	2021-2023

Class 10th (Secondary)	75.6%
Holy Trinity School	2019 – 2021

SKILLS

Languages:	Java, Python, DSA
Frontend:	React, Tailwind CSS, HTML
Backend:	Flask, Node.js, Express.js, REST APIs, JWT Auth
Data Science/ML:	Hugging Face, Numpy, Pandas
Soft Skills:	Adaptable, Team Work
Tools/Database:	Git/Github, VS Code, MongoDB, Vercel, AWS

PROJECTS

- **Trip Smart** [\(Live\)](#)
Developed an end-to-end travel management system featuring **automated budget allocation and real-time transit integration**. Built a custom recommendation engine utilizing user preference data to suggest itineraries, reducing manual planning time.
Implemented secure **RESTful APIs** for itinerary management and integrated third-party maps for route visualization.
- **Sentiment Analysis App** [\(Live\)](#)
Architected a high-concurrency **RESTful API** for real-time text classification using **DistilBERT transformer models**. Optimized model inference latency to achieve **sub-200ms response times** by fine-tuning backend processing pipelines.
Created an interactive web dashboard for **real-time sentiment scoring** and visual trend analysis of raw text inputs.
- **LSTM Stock Price Predictor** — PyTorch, FastAPI, Streamlit, Docker [\(Github\)](#)
Engineered a financial data pipeline and trained a stacked 2-layer LSTM model in PyTorch, achieving ≈ 3 percent MAPE on 6+ years of stock data .
Developed a FastAPI backend and Streamlit dashboard for real-time inference, using Docker and MLflow to deploy the end-to-end system to Render.

CERTIFICATES

- **Data Analytics (Tata/Deloitte):** Strategic Data Simulations and Visualization. 2025
- **Data Science (British Airways):** Predictive Modeling for Customer Sentiment Analysis. 2025
- **AI & Cloud:** IBM/Cisco AI Fundamentals, AWS Cloud Foundation. 2025