

Rohan Shah

Data Science & AI Enthusiast

CONTACT

- Ahmedabad , India
- +91 7060178755
- rohanshah0234@gmail.com
- linkedin.com/in/rohanshah

SKILLS

- Programming: Python, SQL, Bash
- Libraries: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn
- Deep Learning: TensorFlow, Keras, PyTorch
- Generative AI: Hugging Face Transformers, LangChain, OpenAI API
- NLP & LLMs: spaCy, NLTK, BERT, GPT-4
- Deployment: Streamlit, Flask, Git, Docker
- Database: MySQL, MongoDB
- Tools: Jupyter, Google Colab, VS Code

PROFILE SUMMARY

Highly motivated and performance-driven Data Science aspirant with strong technical expertise in NLP, LSTM, Generative AI, and LLMs. Adept at building end-to-end data pipelines and AI-driven applications. Committed to driving real-world impact through innovation in machine learning and advanced language models.

INTERNSHIP EXPERIENCE

Data Analyst Intern – Symbolis Pvt. Ltd. (Mar 2024 - May 2024)

- Conducted data cleaning and feature engineering on enterprise datasets using Pandas and NumPy.
- Delivered insights and performance dashboards using Matplotlib and Seaborn.

- Collaborated on client reports and presented findings to stakeholders.

TECHNICAL PROJECTS

LyricsSensei – Bollywood Lyrics Classifier using LSTM & LLMs

- Developed an advanced NLP-based lyrics classifier capable of identifying Bollywood songs using a hybrid LSTM and transformer-based approach.
- Leveraged GPT-4 and BERT for contextual understanding and fine-tuned Hugging Face models on custom datasets.
- Integrated GenAI capabilities for generating similar lyrical lines; deployed using Streamlit for public access.

WhatsApp Chat Analyzer

- Created a Streamlit-based web app for real-time analysis of WhatsApp chat data.
- Included word frequency analysis, emoji and link detection, sentiment scoring, and user behavior breakdown.
- Focused on data preprocessing, NLP parsing, and rich visualizations.

AI Game Level Generator using Reinforcement Learning & Generative AI

- Built a dynamic level generator inspired by Candy Crush and Mario that increases difficulty adaptively.
- Trained a custom model using reinforcement learning integrated with LLM-based generation for contextual level design.
- Deployed as a playable game prototype with intelligent progression logic.

CERTIFICATIONS

- Generative AI with LLMs – DeepLearning.AI & OpenAI
- Advanced NLP Specialization – Coursera (offered by National Research University HSE)
- TensorFlow Developer Certificate (by Google)

EDUCATION

- Bachelor of Technology in Computer Engineering – Pandit Deendayal Energy University, Gandhinagar
- 10th Grade: 82.5% – HB Kapadia New High School

- 12th Grade: 77% – HB Kapadia New High School

PERSONAL DETAILS

- Date of Birth: 22nd may 2005
- Gender: Male
- Languages: English (Professional), Hindi (Fluent), Gujarati (Native)
- Nationality: Indian