

Rohan Shah

Data Science & AI Enthusiast

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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.

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

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 NLP-based classifier using hybrid LSTM and transformer-based architecture.
- Leveraged GPT-4, BERT, and Hugging Face models; deployed via Streamlit.

WhatsApp Chat Analyzer

- Built a Streamlit web app for WhatsApp chat analysis.
- Included sentiment scoring, emoji detection, and user behavior insights.

AI Game Level Generator using RL & Generative AI

- Designed a Candy Crush-style level generator using reinforcement learning and LLMs.
- Trained a custom model to create adaptive difficulty levels.

Certifications

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

Education

B.Tech in Computer Engineering – PDEU, Gandhinagar

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

10th Grade: 82.5% – HB Kapadia New High School