

# JAY LIYA

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Ahmedabad, Gujarat

Data Science

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## CAREER SUMMARY

Motivated and detail-oriented individual with a strong foundation in Data Science, Machine Learning and Generative AI concepts. Proficient in Python programming, data analysis, and problem-solving, with hands-on experience gained through academic and project-based work. Demonstrates effective communication and teamwork abilities developed through collaborative environments. Eager to contribute to innovative, data-driven solutions and grow professionally in the field of Data Science and Artificial Intelligence.

## TECHNICAL SKILLS

**Languages:** Python, SQL

**Tech Stack:** Machine Learning, Deep Learning, NLP, GenAI, Agentic AI, Vector Databases, NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, Spacy, NLTK, Gensim, Fasttext, Flask, Streamlit, LLMs, RAG, Sentence Transformers, LangChain, Agno, ChromaDB, Fine Tuning, Prompt Engineering, Jupyter Notebook, Cursor, VS Code, Git

## EDUCATION

**B.E. | Computer Engineering | Sal Institute of Technology and Engineering Research**

**May 2025**

10<sup>th</sup> hueche 70 percentage

12<sup>th</sup> jcnknkcs 76 percentage

## PROFESSIONAL EXPERIENCE

**INTERN DATA SCIENCE | Petpooja | Ahmedabad, Gujarat**

**Jan 2025 – June 2025**

Petpooja is a leading restaurant management platform used by thousands of restaurants across India and abroad, offering services like billing, inventory, CRM, and online order integration.

- Worked on cleaning, analyzing, and visualizing data to help improve business decisions.
- Learned how data science is used in the restaurant and food-tech industry.
- Worked with teams to understand and solve real-world problems using data.
- Gained practical experience in applying data science in a fast-paced, real-world business environment.

## PROJECTS

**Insurance Policy Q&A Agent**

**July 2025**

- **Tools:** Python, streamlit, Groq, HuggingFace, Chroma, PyPDF2, Langchain
- **Description:** An intelligent chatbot application that helps users understand their insurance policies by answering questions based on the uploaded policy document. Built with Streamlit, LangChain, and Groq LLM.

**Fake News Detection**

**June 2025**

- **Tools:** Python, numpy, pandas, matplotlib, seaborn, scikit-learn, tensorflow, keras, spaCy, gensim (Word2Vec), NewsAPI
- **Description:** A deep learning-based web application that analyzes news articles and predicts whether they are real or fake using Natural Language Processing (NLP) and Word2Vec embeddings.

**Real Estate Price Predictor**

**May 2025**

- **Tools:** Python, numpy, pandas, matplotlib, seaborn, scikit-learn, Flask, HTML, CSS, joblib
- **Description:** A machine learning web application that predicts real estate prices in Bangalore, India based on location, area, number of bedrooms (BHK), and bathrooms.

**Book Advisor**

**April 2025**

- **Tools:** Python, numpy, pandas, matplotlib, seaborn, scikit-learn (cosine\_similarity), Flask, HTML, CSS, joblib
- **Description:** The Book Advisor is a sophisticated book recommendation system that utilizes both Popularity-Based and Collaborative-Filtering Based Recommender Systems to provide personalized book suggestions.

## TRAINING AND CERTIFICATIONS

GenAI (Codebasics) | AI for Students (NXTWAVE) | AI Aware (Intel, Digital India) | PowerBI Workshop (Petpooja) | Tableau Workshop (Petpooja) | Internship of Python (TechNishal)