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| Jivan Patil | | | |
| **Data Science, Gen AI & Machine Learning Professional** | | | Contact |
| Results-driven Data Scientist specializing in **Generative AI, Machine Learning, and NLP**. Proficient in developing production-ready GenAI applications using LangChain, Hugging Face, and vector databases. Adept at statistical modeling, data visualization, and building LLM-based solutions for real-world business problems. Proven ability to collaborate across teams and deliver data-driven insights in fast-paced environments. | | | [jeevanaherpatil@gmail.com](mailto:jeevanaherpatil@gmail.com)  +91 9172043219  [Linkedin icon - Free download on Iconfinder](https://www.linkedin.com/in/jeevan-aher-patil-a29b5a123/)  Nashik, Maharashtra (India) |
| **Skills**  **Programming & Libraries**: **Python** (Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Keras, TensorFlow), MySQL  **Generative AI & LLMs**: **LangChain**, OpenAI API, **Hugging Face** Transformers**, Vector Databases**, **Prompt Engineering, RAG** (Retrieval Augmented Generation), Large Language Models (LLM)  **Machine Learning & Deep Learning**: Random Forest, SVM, K-Nearest Neighbors, Gradient Boosting, XGBoost, Artificial Neural Networks (ANN), Convolutional Neural Networks (CNN), Natural Language Processing (NLP)  **Data Science & Analysis**: Statistical Analysis, Data Visualization (Power BI, Matplotlib, Seaborn), Data Cleaning, Feature Engineering  **MLOps & Deployment**: Git, GitHub, Streamlit (for app development), AWS |  | **Projects**  **Conversational RAG Q&A with PDF Uploads (Steamlit App)**   * Built using LangChain, ChatGroq, and Streamlit with history-aware LLM chain for contextual Q&A.   [**Summarize & Translate Any Website**](https://github.com/G1Codes/Chat_Bots/tree/main/Summarize_and_Translate) **(Steamlit App)**   * Built LLM pipeline to chunk, summarize, and translate live web content using Hugging Face & LangChain.   [**Disease Classification using CNN**](https://github.com/G1Codes/Potato-Disease-Classification-using-CNN) **(99.5% accuracy)**   * Pre-processed 2,152 images using TensorFlow, applied data augmentation, and trained a 6-layer CNN.   [**Real Estate Price Prediction Web App**](https://real-estate-analytics.streamlit.app/) **(Streamlit)**   * Built a Streamlit web app to predict real estate prices using a Random Forest model with 85% accuracy. | |

**Experience**

**Techdata Solutions**

Data Science Intern

(Jul-2024 – Jan-2025)

* Explored applications of **Generative AI** and **LLMs** in **data science** workflows, enhancing automation and analytical depth.
* Worked on real-world datasets, applying data preprocessing, **EDA**, and **machine learning** techniques to solve business problems.
* Built and evaluated **predictive models**, and developed insightful visualizations using **Matplotlib** and **Seaborn** for data-driven decision-making.

**Syneos Health**

Safety & PV Specialist I

(Oct 2022 – Sep 2023)

* Built **machine learning (ML)** models for classifying and prioritizing adverse event (AE) cases based on narrative and structured data.
* Conducted **data analysis** on adverse event reports, utilizing **Python** to identify trends in pharmacovigilance data, **improving case processing efficiency by 20%**.
* Managed and **cleaned large datasets** of ICSR cases (PMS & CT), ensuring data integrity
* Collaborated with cross-functional teams to streamline workflows, leveraging data insights to support regulatory compliance.

**IQVIA**

Operations Specialist I

(June 2021 – Oct 2021)

* Performed **data analysis** on ICSR datasets (PMS & CT cases) using Excel and Python, identifying patterns in adverse events that led to a **15% reduction in duplicate case reporting**.
* Supported triage and data entry processes by developing automated Excel workflows, reducing manual errors by 25%.

**Tata Consultancy Services**

Senior Process Associate

(Feb 2018 – Jun 2021)

* **Developed classification** models to flag potential data inconsistencies in AE case processing, **reducing overall error rate by 30%** after integration into QA workflows**.**
* **Performed root cause analysis (RCA)** and trend analysis using statistical methods to identify recurring quality issues; findings were translated into actionable process improvements.
* Led a team in processing and quality-checking global pharmacovigilance cases (ICSRs for PMS & Clinical Trials), ensuring compliance with regulatory standards.
* Conducted in-depth data analysis using Python and Excel to identify trends, optimize workflows, and generate weekly quality reports for senior stakeholders.

Education

# M. Pharmacy (Pharmaceutics)

# S.S.D.J. College of Pharmacy, Chandwad, Nashik (2016)

# B. Pharmacy

­Loknete Dr. J.D. Pawar college of Pharmacy (Manur) (2014**)**