

Vaidik Yadav

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 [Vaidik Yadav](#) |  [Vaidik26](#) | [Portfolio](#)

Jabalpur, Madhya Pradesh - 482001, India

OBJECTIVE

Results-driven **Data Scientist & AI Engineer** with 1.5+ years of experience transforming complex data into intelligent, deployable solutions. Skilled in **ML, NLP, and GenAI**, leveraging tools like **LangChain, LlamaIndex, and Hugging Face** to build scalable, real-world applications. Passionate about designing **end-to-end AI systems** that drive measurable business impact and smarter decisions.

SKILLS

- **Programming Languages:** Python, SQL
- **Machine Learning & AI:** Scikit-learn, CatBoost, XGBoost, LightGBM, TensorFlow, Transformers, Hugging Face, LangChain, LlamaIndex, RAG, Fine-tuning, OpenAI APIs
- **Data Engineering:** Pandas, NumPy, Feature Engineering, Hypothesis Testing, ETL, SMOTE, PCA, Time Series
- **MLOps & Deployment:** Docker, DVC, MLflow, Flask, FastAPI, GitHub Actions, CI/CD, Model Monitoring
- **Cloud & Databases:** AWS (EC2, S3, Bedrock), GCP, MySQL, MongoDB, FAISS, Chroma, Pinecone
- **Visualization & BI:** Matplotlib, Seaborn, Plotly, Power BI, Excel




EXPERIENCE

- **Platinus Technology Pvt Limited** September 2022 – August 2024
Data Analyst Hyderabad, India
 - Designed and deployed **interactive Power BI dashboards**, improving client placement visibility by **40%..**
 - Boosted placement success by **20%** through visa and market trend analysis using SQL.
 - Reduced data retrieval latency by **30%** through SQL indexing and query optimization.
 - Collaborated across data and strategy teams to optimize performance metrics, achieving a **15% increase in overall efficiency**.

EDUCATION

Gyan Ganga College Of Technology
Bachelor of Technology (B.Tech) – Computer Science
Jabalpur, Madhya Pradesh
2021 – 2025

PROJECTS

- **Document QnA – LLM-powered Contextual Search**  [GitHub Repository](#)
Tools: LangChain, FAISS, Streamlit
 - Built a **document-based QnA system** enabling context-aware retrieval from PDFs using RAG.
 - Improved retrieval accuracy by **25%** using FAISS embeddings and hybrid search optimization.
 - Deployed a **Streamlit** app for real-time user interaction with document queries.
- **Legal Advisory Chatbot – AI-powered Legal Assistant**  [GitHub Repository](#)
Tools: LlamaIndex, Hugging Face, Flask, RAG
 - Developed a **GenAI chatbot** achieving **85% precision** in legal document retrieval.
 - **Served 100+ concurrent users** with **<2s latency** via optimized Flask backend.
 - Integrated **contextual embeddings** for domain-specific legal text understanding.
- **Milk Quality Classification – ML Pipeline Automation**  [GitHub Repository](#)
Tools: FastAPI, Scikit-learn, Docker, DVC, MongoDB
 - Delivered **89% accuracy** using Gradient Boosting with **RandomizedSearchCV optimization**.
 - Automated data preprocessing and feature encoding for scalability.
 - Built a **version-controlled ML pipeline** with DVC and Docker for reproducible deployment.

CERTIFICATIONS & COURSES

- [Data Analytics – PW Skills](#)
- [Data Science Noob to ProMax – 5 Minutes Engineering](#)