

VIJAY HOLE

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PROFESSIONAL SUMMARY

Motivated and detail-oriented AI & Machine Learning enthusiast with strong foundation in Data Science, Deep Learning, and Generative AI. Skilled in building end-to-end ML models, deploying applications, and developing AI-powered solutions using modern tools and cloud platforms. Seeking an entry-level opportunity to apply analytical and problem-solving skills in real-world projects.

TECHNICAL SKILLS

- Programming: Python, SQL, Git
- Libraries: NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn
- Machine Learning: Regression, Classification, Clustering, Feature Engineering, Model Evaluation
- Deep Learning: Neural Networks, CNN, RNN, LSTM, Transformers
- Generative AI: Prompt Engineering, RAG, LLM Integration
- MLOps & Deployment: Flask, FastAPI, Docker, MLflow, REST APIs
- Cloud: AWS (S3, EC2 – Basics), Google Cloud (Basics)
- Data Visualization: Power BI, Tableau
- Mathematics & Statistics: Probability, Hypothesis Testing, Linear Algebra

PROJECTS

- End-to-End ML Project: Built predictive model, performed data preprocessing, hyperparameter tuning, and deployed using Flask API with Docker.
- AI Chatbot using LLM + RAG: Developed chatbot with transformer-based model and implemented retrieval-augmented generation pipeline.
- NLP Sentiment Analysis: Created deep learning model using LSTM for text classification.
- Data Analytics Dashboard: Conducted EDA and built interactive dashboard using Power BI.

EDUCATION

Bachelor of Engineering – Shree Ramchandra College of Engineering, Lonikhand, Pune –
Graduation Year: 2026

CERTIFICATIONS

- Machine Learning Certification
- Deep Learning Certification
- Data Science Certification
- Cloud Fundamentals (AWS/GCP)