

Hruday Mouly

Gen Ai Engineer

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🌐 https://huggingface.co/hruday96

PROFILE SUMMARY

Data professional with 3.5+ years of experience, including 1.6+ years specializing in Generative AI, LLMs, and AI application development. Skilled in building AI-powered applications using GPT-4o, Gemini, DeepSeek R1, LLaMA, Mistral, RAG-based architectures, and AI agent frameworks like CrewAI and AgentiveHub.

Proficient in LangChain, vector databases (ChromaDB, Relevance AI), and AI-driven automation. Experienced in developing resume optimization tools, structured prompt engineering applications, AI search solutions, and document Q&A systems on Hugging Face and Relevance AI.

Passionate about building scalable AI workflows, exploring agentic development, and staying at the forefront of Generative AI advancements.

SKILLS

🧠 Generative AI & NLP

Generative AI & NLP

- Large Language Models (LLMs): GPT-4, Gemini AI, DeepSeek, LLaMA.
- Model Fine-Tuning: Prompt Engineering.
- Retrieval-Augmented Generation (RAG): ChromaDB
- Agentic AI & AI Workflows: CrewAI, AutoGen, AgentiveHub

🏠 Machine Learning & Statistical Modeling

- Supervised & Unsupervised Learning: Random Forest, K-Means Clustering, Linear Regression, Logistic Regression, Multiple Regression
- Ensemble Methods: Boosting, Bagging (XGBoost, LightGBM)
- Feature Engineering & Hyperparameter Tuning
- Model Evaluation: Confusion Matrix, Precision-Recall, ROC Curve, RMSE, MAE

🔧 Programming & Tools

- Python, LangChain, CrewAI, AutoGen
- Hugging Face, OpenAI API, Google Gemini API
- Streamlit, Gradio, FastAPI (for AI app deployment)
- TensorFlow, PyTorch, Scikit-learn, NLTK, spaCy, Gensim
- Tableau, Matplotlib, Seaborn, Plotly

PROFESSIONAL EXPERIENCE

Gen Ai Engineer

Data Science Masterminds

08/2023 – present
Bengaluru

- Developed and deployed AI-powered applications on Hugging Face and Relevance AI, including ATS Resume Optimizer, AI Prompt Enhancer, and AI-generated candidate outreach tools.
- Built RAG-based chatbots and LLM-powered automation solutions, leveraging ChromaDB, Relevance AI, and vector search techniques for efficient retrieval.
- Explored and implemented agentic frameworks like CrewAI and AgentiveHub, developing AI agents for workflow automation, document Q&A, and structured AI-driven decision-making.
- I worked with GPT-4o, Gemini, DeepSeek R1, LLaMA, etc., optimizing prompt engineering strategies and fine-tuning AI models for enhanced user interaction.

Associate Data Scientist

BEPEC Solutions

12/2021 – 06/2023
Bengaluru, India

- Developed and deployed machine learning models (Random Forest, SVM) for customer churn prediction, increasing accuracy by 18%, enabling proactive retention strategies.
- Optimized data preprocessing pipelines by automating feature engineering and anomaly detection, reducing data preparation time by 30%.
- Built time series forecasting models (ARIMA, SARIMA, LSTM) for retail cash flow prediction, providing actionable financial insights for better decision-making.
- Designed an NLP-based customer conversion model, leveraging TF-IDF and classification models to analyze sales conversations and improve conversion strategies.
- Collaborated with cross-functional teams to translate data-driven insights into strategic actions, leveraging visualizations and statistical reports to influence key decisions.