TT S

Gen AI ML Engineer, 5+ years experience
Ahmedabad, India
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Experienced Gen AI & ML Engineer with over 5 years of expertise in developing and implementing machine learning models and data analytics solutions. Proficient in Python, machine-learning libraries, LLM and cloud platforms. Adept at collaborating with cross-functional teams to integrate complex models into existing infrastructures, ensuring seamless data processing and real-time analysis. Adopt and learn new technologies. Good at working with teams.

INDUSTRIES: Legal, Artificial Intelligence

TECHNICAL SKILLS

• Python	5 years
• Neural Networks	3 years
• NLP	3 years
• Data Visualization	3 years
• Computer vision	2 years

SOFT SKILLS

Collaboration with cross-functional teams, Teamwork, Adaptability and quick learning, Requirement gathering, Architecture design, Communication and coordination, Problem-solving, Analytical thinking, Documentation and reporting, Project management

PROJECT DETAILS

• LegalTech Solutions for Divorce — April-2025 - July-2025

Project Description: It an AI-powered platform designed to assist individuals navigating divorce and co-parenting processes. It provides intelligent legal document management, automated summarization, and conversational assistance to simplify complex legal workflows. The solution enhances accessibility to legal information, streamlines case handling, and supports better communication and decision-making for both parties involved in the legal process.

Responsibilities: Contributed to the development of AI-driven legal support tools for Exfile, a platform serving users in the U.S. navigating divorce and co-parenting. Designed and implemented intelligent document handling and conversational agents tailored to legal workflows.

Technologies: Python, LangChain, GPT-4o, Document Summarization, Python, LangGraph Architecture, Workflow Orchestration

Industry: Legal

• Retrieval-Augmented Generation January-2024 - December-2024

Project Description: Developed and implemented a Retrieval-Augmented Generation (RAG) system for a stock market company to analyse and extract insights from news articles. The system allows users to input URL links to news articles and subsequently ask questions about the content of the news. The RAG model retrieves relevant information from the articles and generates accurate, context- aware responses, providing real-time analysis and insights.

Responsibilities: Designed and developed the architecture of a Retrieval-Augmented Generation (RAG) system specifically tailored for analysing stock market news articles. Integrated retrieval and generation components to create a seamless pipeline for extracting and processing information from news URLs. Integrated and fine-tuned generation models (GPT-3.5, BART, T5) to generate accurate, context-aware responses. Pre-processed and augmented news article data to ensure high-quality inputs for models. Conducted experiments and fine-tuned hyper parameters to optimize model performance. Developed metrics to assess accuracy and relevance, refining models based on evaluation results. Worked with cross-functional teams to integrate the RAG system into existing infrastructure.

Technologies: Jupyter Notebook, Python, PyTorch, TensorFlow, Hugging Face Transformers, NumPy, Pandas, GPT-4o mini, Azure OpenAI, MySQL

Industry: Artificial Intelligence

EMPLOYMENT HISTORY

• Gen AI & ML Engineer

Description: Work with large, complex data sets; solve difficult, non-routine analysis problems, applying advanced analytical methods as needed. Participating in Data Pre-processing Techniques in order to make data useful for creating Machine Learning Models. Involved in requirement gathering and Architecture design of the project for machine learning implementation. Building baseline models for the requirements with necessary data preparation. Parameter tuning process for optimal model hyper parameters.

EDUCATION

• Bachelors degree in Technology from MDU University 2010 - 2014

LANGUAGES

• English - native

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