

FalconSkyAI

Position: NLP Engineer

Location: Remote

Type: Part-time

About Us:

FalconSkyAI is an innovative startup specializing in Property Management Systems (PMS) tailored for the hospitality and hotel industry. **FalconSkyAI** leverages cutting-edge Large Language Models (LLMs) and AI technologies to streamline operations and optimize hotel management processes. By integrating advanced AI solutions, **FalconSkyAI** is transforming the way hotels and hospitality businesses manage their properties, making operations more efficient and intelligent.

Position Overview:

We are seeking a motivated NLP Engineer to join our team. The ideal candidate will have a strong background in Natural Language Processing (NLP) and experience working with Large Language Models (LLMs), LangChain, and vector databases. You will be responsible for **developing, integrate** and **deploying** cutting-edge NLP solutions that leverage advanced AI technologies to enhance our products and services.

Key Responsibilities:

- **Develop NLP Solutions:** Design, implement, and optimize NLP models and pipelines using state-of-the-art techniques, including but not limited to transformer-based architectures and Large Language Models (LLMs).
- **Leverage LangChain:** Utilize LangChain to build robust NLP pipelines that connect various components such as models, datasets, and vector databases.
- **Vector Database Integration:** Work with vector databases (pgvector) to store, retrieve, and manage high-dimensional embedding for efficient similarity searches.
- **Collaborate Across Teams:** Work closely with software engineers, and product teams to integrate NLP solutions into production environments, ensuring scalability and reliability.
- **Performance Monitoring:** Monitor and analyze the performance of deployed models, identifying areas for improvement and implementing optimizations as necessary.
- **Documentation and Reporting:** Create detailed documentation of models, pipelines, and systems, and present findings and recommendations to both technical and non-technical stakeholders.

Qualifications:

- **Education:** Bachelor's degree in Computer Science, Data Science, Machine Learning, or a related field.
- **Experience:**
 - 2+ years of experience in NLP, with a focus on transformer-based models and LLMs.
 - Proven experience with LangChain and building NLP pipelines.
 - Hands-on experience with vector databases such as pgvector, Pinecone.

How to Apply:

Interested candidates are invited to submit their resume to careers@falconsky.ai.