Neutrino Tech Systems

https://neutrinotechsystems.com/job/sr-pythonai-developer/

Sr Python+AI Developer

Description
Location: [Pune, India]
Experience: [5-7 Years]
Employment Type: [Full-time]
Domain: Healthcare, Finance, etc. (Optional)
Job Summary:
We are looking for a skilled Python and Generative AI Developer who is passionate about
building intelligent systems using state-of-the-art AI models and robust backend
technologies. The ideal candidate will have experience in Python, NLP, and SQL, and will
contribute to the design and deployment of AI-powered solutions for real-world
applications.

Responsibilities
Key Responsibilities:
• Build and maintain scalable applications using Python, Flask, and FastAPI.
• Design and integrate Generative AI solutions using LLMs (GPT, LLaMA, Claude, etc.).
• Develop and optimize data pipelines using Pandas, NumPy, and SQL.
• Design APIs and services to interface GenAI models with applications.
• Work with MongoDB and SQL databases for structured and unstructured data storage.
• Implement NLP algorithms such as Named Entity Recognition (NER), document classification, and sentiment analysis.
• Develop prompt engineering and RAG (Retrieval-Augmented Generation) pipelines.
• Collaborate with product, DevOps, and data science teams to deliver end-to-end AI solutions.

Qualifications
Required Skills:
• Strong proficiency in Python, with hands-on experience in Flask and FastAPI.
• Solid command of Pandas, NumPy, and SQL for data processing and querying.
• Experience with MongoDB and working knowledge of schema design.
• Working experience with Generative AI and LLMs via APIs (OpenAI, Hugging Face, etc.).
• Strong understanding and practical implementation of NLP tasks like Named Entity
Recognition (NER), Document Classification, Sentiment Analysis
• Familiarity with libraries like SpaCy, Hugging Face Transformers, and LangChain.
• Ability to build and consume RESTful APIs.
• Experience with Git, Docker, and collaborative development workflows.
• Experience with Vector Databases (e.g., FAISS, Pinecone, Chroma).
• Familiarity with cloud platforms (AWS, GCP, Azure) and MLOps tools.