Natdanai Intraraksa

AI engineer / Data Scientist

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Hiring manager

Apexanalytix .Inc

I am writing to express my strong interest in the AI Engineer position. With over five years of experience in AI engineering and data science, along with a decade of experience as a manufacturing engineer, I bring a well-rounded background in both practical engineering and cutting-edge AI solution development. I recently relocated from Thailand and am eager to contribute my expertise to your team.

In my most recent role at Invitrace, I led a team in the successful deployment of a generative AI solution for one of Thailand's largest hospital networks. We fine-tuned large language models using the Unsloth framework to generate structured medical documentation from unstructured notes, significantly reducing the workload for healthcare professionals. This solution integrated retrieval-augmented generation (RAG) to provide real-time, contextually relevant content and improve accuracy.

Previously at iBotnoi, I collaborated with Phramongkutklao and Samutprakarn hospitals to develop AI-powered virtual assistants (Nurse AI). These assistants used function-calling capabilities and integrated with hospital APIs to support appointment management and patient interaction workflows. My work on these projects included implementing multi-agent systems using frameworks like LangGraph and CrewAI to manage autonomous task delegation and execution

I have hands-on experience fine-tuning LLMs with techniques such as LoRA, QLoRA, and instruction tuning, and have worked extensively with LangChain, vector databases, and scalable deployment tools such as Docker and Kubernetes. My background also includes building MLOps pipelines, optimizing model performance, and ensuring compliance with privacy and security standards.

I would welcome the opportunity to discuss how my background in driving AI implementation across diverse sectors can contribute to your AI solution. Thank you for considering my application.

Sincerely,

Natdanai Intraraksa