

CONTACT

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WORK EXPERIENCE

AI Engineer | Jul 2024 – May 2025

softnix technology co. ltd (Software Developer)

- Developed an Agentic AI system using LangGraph and LangChain with function calling, enabling LLMs to autonomously interact with tools such as API Calling by extracting parameters from message conversation. Designed workflows that allow the LLM to retrieve and interpret data from databases, pandas dataframes and json data.
- Implemented a system to control LLM outputs by applying to graph generation system and developed an LLM system to send json data in user-specific formats.
- Developed a web scraper system using LLM for analyzing and retrieving data.
- Research and Development MCP Server and Client

Backend (Chat AI) | Jul 2024 – May 2025

softnix technology co. ltd (Software Developer)

- Develop a AI chatbot backend using Python and FastAPI, with support for message-based conversations, both streaming and JSON responses, and other related features.
- Design a backend API system that allows users to configure and manage various tools used in the Agentic AI system from the frontend.
- Designing a Data Preprocessing System for AI using Golang and Python

RAG (Retrieval-Augmented Generation) | Jul 2024 – May 2025

softnix technology co. ltd (Software Developer)

- Designed the RAG process using LangChain and BM25, responsible for developing the hybrid search rerank and Agentic RAG.
- Research model for rag system from openai, ollama

EDUCATION

King Mongkut's Institute of Technology Ladkrabang University | 2020 - 2023

Information technology (IT)

- Bachelor of Science Program in Information Technology
- Software Engineering
- GPA : 2.91

DEVELOPER SKILL

- Frameworks:** Node JS, FastAPI, React JS
- Languages:** JavaScript/TypeScript, Python, Golang
- Databases:** MongoDB, MySQL, qdrant
- LLM/AI (Frameworks) :** langchain/langgraph, Sklearn, RAG, Pandas, ollama, Pytorch, Cohere, MCP
- Tool :** docker, git
- Additional Skill :** Aws Cloud, Vue JS

INTRODUCTION

I am currently working as a Software Developer with a strong understanding of AI systems and backend architecture. I am responsible for designing and developing Chat AI systems that utilize a multi-agent system to manage complex conversations and tasks.