# **Nguyen Duy Minh**

Al Engineer

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# JOB OBJECTIVE

Aspiring AI Engineer and final-year Artificial Intelligence student at **FPT University** with one year of experience running AI in production. I am seeking to leverage my academic background and hands-on expertise in AI, Large Language Models (LLMs), and software development. Eager to contribute innovative solutions and drive AI-driven projects in a dynamic tech environment, while continuously enhancing my skills and knowledge.

# WORK EXPERIENCE

# Amazing Technology and Solution Company Limited

9/2023 - 12/2023

# **Cyno Software Company**

1/2024 -

## AI ENGINEER INTERN (REMOTE)

• Facial Recognition Module: Engineered and implemented a facial tracking and tracing module, improving real-time monitoring capabilities.

#### AI ENGINEER FRESHER

- Backend Development for POCY: Led the development of a robust backend for POCY, an application designed to detect scam/spam activities. Utilized FastAPI to build scalable and efficient server-side architecture.
- **Customer Care Chatbot:** Contributed to the design and implementation of a RAG chatbot for customer support.
- Football Euro Prediction Model: Spearheaded data crawling efforts to collect and preprocess large datasets for predicting outcomes in Euro football matches.

# **PROJECTS**

#### **POCY PROJECT**

1/2024 - 6/2024

# Cyno software

Team size: 8

#### **ROLE: TEAM MEMBER**

- **Data Preprocessing:** Led the preprocessing of SMS and call data to prepare datasets for analysis and model training.
- Transformer Rebuild: Reconstructed Transformers from scratch, ensuring enhanced model adaptability, integrated JWT into the base model.

## **TECHNOLOGIES:**

• PyTorch, FastAPI, MongoDB, JWT, Google GenAI

#### **CUSTOMER CARE CHATBOT**

5/2024 - 8/2024

#### Cyno Software

Team size: 3

# **ROLE: TEAM MEMBER**

- Contextual Enhancement: Augmented model inputs by integrating access to external data sources, improving the chatbot's contextual understanding and response accuracy.
- **System Optimization**: Implemented guardrails to safeguard the system and users, optimizing for reduced latency and cost efficiency through caching mechanisms.

## **TECHNOLOGIES:**

· LangChain, LangGraph

## VITO

6/2024 - 8/2024

# **FPT University Project**

Team size: 4

# **ROLE: TECHLEAD**

- · Build full backend application with fastapi and jwt, intergrate AI to backend.
- Deploy to VPS cloud.

## **TECHNOLOGIES:**

· FastAPI, MongoDB, JWT