

# Phung Minh Chien

Software Developer

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## OBJECTIVE

I'm a software developer with 9 months of experience, skilled in Python, Java, C++, and JavaScript, with a strong focus on Object-Oriented Programming. I'm looking to improve my coding skills, work on challenging projects, and grow as a developer. I am looking for opportunities to deepen my understanding of backend and full-stack development while contributing to meaningful projects.

## EDUCATION

**Hanoi University of Science and Technology (HUST)**

2021 - Now

Major: Digital Communication and Multimedia Engineering

GPA: 3.45 / 4.00

Vstep: 785

## SKILLS

**Programming language:** Python, Java, C/C++ , Javascript, Typescript, C# (Unity)

**Frameworks, Libraries & Platforms:** Odoo, FastAPI, Qt, ReactJS, ReactNative, OpenCV, Langchain

**Databases & Storage:** MySQL, SQLite, Redis, Weaviate, Milvus

**Tools:** Git, GitHub, GitLab

**Software Architecture & Design Patterns:** MVC, RESTful APIs

**Soft skills** Have teamwork and collaboration skills; Good at English reading and listening comprehension; Can write and speak English at a basic level

## WORK EXPERIENCE

**NGS Holdings**

Oct 2024 - Now

**Software Developer - Video Management System**

- Technical stack: Qt (Python, C++), QML
- Develop the user interface for the VMS (Video Management System) software using Qt Python, C++, and QML.
- Research and implement mapping tasks using OSM (OpenStreetMap) and ArcGIS.
- Communicate with the backend and integrate with the RESTful API system.
- Store, manage, and update data from the API using a local database (SQLite) and WebSocket.

**Freelance**

Mar 2025 - Jun 2025

**Fullstack Developer - Odoo-based application for garment process management**

- Technical stack: Odoo, OWL, PostgreSQL, Docker
- Implement a management system with core modules: Sample, Order, Production, Inventory
- Deploy a flexible permission mechanism based on Odoo's built-in platform
- Customize the frontend using OWL with JS, XML, and CSS

- Utilize Odoo's ORM to implement, connect, and manage the system's database tables using PostgreSQL
- Packaged the source code with Docker for delivering to the server and deployment .

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**Freelance**

Oct 2023 - Apr 2024

**Backend Developer - Website for interconnecting medical examination results for hospitals in Hai Duong**

- Technical stack: Typescripts, MySQL
- Engage in a project under the supervision of teacher
- Design MySQL database based on the requirements during the project development process
- Use Typescript to develop REST APIs according to the system design
- Use Postman to verify and test APIs functionality

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## PROJECTS

**VPBank hackathon Project: 6-jar management application**

Jun 2025 - July 2025

**Frontend Developer**

- Technical stack: Typescripts, React Native
- Design and implement UI for the application
- Use Postman to verify and connect APIs to frontend functionality

**CAIN: Chatbot for documents**

Sep 2024 - Nov 2024

**Fullstack Developer**

- Technical stack: ReactJS, FastAPI, Redis, MySQL, Weaviate
- Design MySQL database based on the requirements during the project development process
- Develop a chatbot core using LangChain and Gemini API, integrating RAG for enhanced responses.
- Design and implement a web interface using React.js.
- Design and implement a RESTful API backend with FastAPI.

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## REFERENCES

Luu Thi Hanh  
Internship Supervisor – NGS Holdings.  
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