



Khomphakdy Anousone

Junior Software Developer

Profile

- 📞 0947176054
- ✉️ pkhomphakdy@gmail.com
- 👤 Peter Khomphakdy
- 📍 337 Lê Văn Lương, khu phố 3, Quận 7, Thành phố Hồ Chí Minh, Vietnam

Skills

Languages: C#, JavaScript (ES6+), Java, C++, SQL.

Web Frameworks: ASP.NET Core MVC, Next.js, React, Bootstrap 5.

Mobile & IoT: Android Studio (Java), ESP8266/Arduino, ThingSpeak IoT Cloud.

AI & Tools: Prompt Engineering, AI-Assisted Coding (ChatGPT/Gemini), Git/GitHub, VS Code.

English: Effective communicator in English for technical and professional contexts.

Interests

Emerging Technology (AI/Machine Learning).

IoT (Internet of Things) development.

Website development.

Objective

Motivated 4th-year IT student at **NTTU NIIIE** with a strong passion for software development and technology. I possess a solid foundation in coding and web development, combined with the ability to leverage AI tools to optimize workflows and solve problems efficiently. With strong English communication skills, I am eager to join a professional environment as an intern or fresher to learn, contribute, and grow as a developer.

Education

Bachelor of Information Technology

2022 - Present

Nguyen Tat Thanh University - NIIIE Institute

Details:

- Current 4th-Year Student.
- Focus: Software Engineering and Application Development.
- Relevant Coursework: Web Development, Data Structures & Algorithms, Introduction to IoT, Database Management.

Academic Projects

University & Personal Projects

2022 - Present

Project 1: Tourism E-commerce Platform

Role: Full Stack Developer

Description: Engineered a comprehensive tour booking platform facilitating user search, cart management, and secure online payments.

Tech Stack: ASP.NET Core MVC, Entity Framework, SQL Server, PayPal API.

- **Key Achievement:** Implemented an Admin Dashboard for real-time revenue tracking and integrated the PayPal gateway for international transactions.

Project 2: IoT Smart Garden System

Role: IoT Engineer

Description: Developed an automated irrigation system with sunlight detection logic and remote cloud monitoring.

Tech Stack: C++ (Arduino), ESP8266, ThingSpeak Cloud API.

- **Key Achievement:** successfully integrated HTTP protocols to sync sensor data to the cloud, allowing for real-time moisture tracking via a mobile dashboard.

Project 3: Android Multiplayer Quiz App

Role: Mobile Developer

Description: Built a native Android application featuring local 1v1 multiplayer and a dynamic question bank.

Tech Stack: Java, Android Studio, XML.

- **Key Achievement:** Designed a custom "Create Quiz" engine allowing users to generate and share their own content.

Academic Coursework

Completed a comprehensive curriculum focused on software engineering and application development. Gained theoretical and practical knowledge in building

scalable software solutions and maintained a strong focus on emerging technologies.

Project: Artificial Intelligence & Application

- Studied the fundamentals of AI integration in software development.
- Practiced utilizing AI tools and prompt engineering to optimize coding workflows and solve complex logical problems efficiently.

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