



**Nguyễn Đình Vũ**

Software Engineering

📞 0362212910

✉️ vu13102003@gmail.com

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## Education

Computer Engineering

2021 - 2025

HANOI UNIVERSITY OF SCIENCE AND  
TECHNOLOGY (HUST)

## Skills

PHP(LARAVEL), C#(.NET)

MYSQL, MONGODB

JAVA, PYTHON, ANGULAR JS

Resful Api, Git flow, CI/CD

MVC Architecture, Microservice  
Architecture

Design Pattern(Singleton, Strategy,  
Factory method, Observer,...), Solid

Docker, Kafka, Redis, Mqtt, Spark,  
ElasticSearch

## Interests

Reading books

Playing sports

## Objective

With over two years of experience in developing web applications using PHP(Laravel), C#, I have participated in and completed projects, gaining valuable experience in software development processes and teamwork. I aspire to work in a professional and dynamic environment where I can continue to develop my skills, gain more experience, and contribute meaningful value to both the product and the team. In the near future, I aim to enhance my professional expertise and take on roles with greater responsibility within the team.

## Work experience

**Software developer**

07/2023 - Now

OMT - Online Management Training

- Participated in the development and maintenance of web and mobile applications within the KidsOnline system using PHP (Laravel), Microservices architecture, and RESTful APIs, with key responsibilities:
- Developed and optimized role-based access management features for school staff, parents, and students.
- Built interactive features connecting schools and parents, such as class schedules, attendance tracking, leave requests, messaging, and tuition management,...
- Designed, implemented, and optimized the database structure to support system operations.
- Analyzed and documented feature requirements, and proposed system upgrades and enhancements to improve performance and user experience.

## Certifications

2024

Toeic: 555

## Projects

**Backend Developer**

01-2025 - 03-2025

IOT API

Developed and integrated APIs enabling seamless communication between the server and IoT devices for a smart door lock system utilizing RFID cards. Technologies: .NET, JWT, MQTT  
Github: <https://github.com/vusociu/iot-api>

**Leader**

04-2025 - 05-2025

Big Data

Developed a data analysis and visualization project on YouTube video engagement rates.

Designed and implemented data pipelines for collecting, processing, and analyzing interaction metrics to generate insightful visual reports.

Technologies: Python, Apache Spark, Kafka, MongoDB, Elasticsearch, Kibana

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Github: <https://github.com/vusociu/big-data>