Ông Vạn Thọ — Software Engineer Intern

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About Me

A Software Engineering student with a strong foundation in Full-Stack Development (Next.js/.NET) transitioning into DevOps. Experienced in containerizing applications with Docker, automating deployments via GitLab CI/CD, and securing infrastructure with Nginx. I have hands-on experience in Full-Stack development using React TypeScript and creating APIs with NextJS and ASP.NET CORE . Eager to contribute to the company's success while learning and improving through strong technical and collaboration skills under expert guidance.

Education

2023 - Present	**Eastern International University**
	Major: Software Engineering

Skills

Programming Language
JavaScript, TypeScript,
Java, C#

Database
MySql, SQL Server, MongoDB

Programming Techniques
OOP, Design Pattern, Data
Structures and Algorithms

DevOp
Docker Compose, Nginx (Reverse Proxy), GitLab
CI/CD, PM2, Linux (WSL/Ubuntu), Bash Scripting

Framework
ReactJS, ASP.NET
(Core)

Source Version Control
Git, Github,
Gitlab (Self Hosted Runner)

Foreign Language
English: IELTS 6.5

My Portfolio

Personal Portfolio

- Description: Personal portfolio built with React and Tailwind and CSS.
  Use to showcase my project and a brief introduction about
  me

- Tech stacks: ReactJS, TypeScript

- Github: https://github.com/O-VanTho-programmer/my-portfolio

- Live Demo: https://my-portfolio-git-main-o-vanthos-projects.vercel.app/

Projects Experiences

08/06/2025 – 17/08/2025

Stock & Revenue Management System with Invoice Scanner (Full-Stack and DevOp Project)

- Description: A full-stack Business Management Web App built with Next.js, React, TypeScript, and MySQL. It helps businesses manage products, inventory, sales, and discounts, with an **AI-powered Vietnamese invoice scanner** to automatically extract and process bill data.

- My Role: Full-Stack Developer, DevOp Engineer

- Tech stacks: Next.js, React, TypeScript, and MySQL.

- OCR Model: https://huggingface.co/5CD-AI/Vintern-1B-v3_5

DevOps Implementation — Transformed a manual deployment process into a fully automated, using GitLab CI/CD and Docker.

- Architecture: Deployment using Docker Compose (Next.js App + Nginx Reverse Proxy + MySQL Database).

- Github: https://github.com/O-VanTho-programmer/Business-Management-App

- Gitlab: https://gitlab.com/O-VanTho-programmer/warehouse

- Live Demo: https://business-management-app-3z33.vercel.app/

14/09/2025 – 14/12/2025

Class Hub (Personal Project)

- Description: This system provides an all-in-one platform for educational institutions and teachers to efficiently manage teaching hubs, classes, students, attendance, and teacher workloads. The platform centralizes daily academic operations, reduces manual administrative work

- AI integrated: AI auto-marking module powered by a large language model (LLM).

- My Role: Full-Stack Developer

- Tech stacks: Next.js, React, TypeScript, and MySQL.

- Github: https://github.com/O-VanTho-programmer/ClassManagement

- Live Demo: https://class-management-vkgy-1czvb3r6n-o-vanthos-projects.vercel.app/

| 27/07/2025 – 30/08/2025 | **Point Of Sale System (Project .NET API)** |

- Description: The Restaurant Management API offers features for ordering food, booking tables, and making payments. With structured endpoints, users can view the menu, order meals, confirm orders, reserve tables, and pay securely.

- My Role: Back-End Development

- Tech stacks:
  - ASP.NET CORE Web API 8
  - Entity Framework Core
  - SQL Server
  - JWT Authentication
  - Swagger

- Github: https://github.com/O-VanTho-programmer/PointOfSaleSystem_ProjectAPI

| 24/07/2025 – 21/08/2025 | **Algorithm Visualizer (Personal Project)** |

- Description: An interactive web application built with React and Tailwind CSS to help students and developers understand complex algorithms through visualization.

- My Role: Full-Stack Developer

- Tech stacks: Next.js, React, TypeScript, and MySQL.

- Github: https://github.com/O-VanTho-programmer/algorithm_visualizer

- Live Demo: https://algorithm-visualizer-iyasfv78y-o-vanthos-projects.vercel.app

EXTRACURRICULAR ACTIVITIES & PROJECTS

EIU Programming Contest | Contestant
- Competed in an algorithmic contest focusing on Data Structures and Algorithms (DSA) using Java.

OISP International Exchange Program | Participant
- Engaged in a cross-cultural exchange with Singaporean students, enhancing English communication and adaptability.
- Collaborated within 2-week intensive period to raise solutions for sustainable challenges at Dinh Hoa Social Housing.

Interdisciplinary Community Project (Becamex Tokyu) | Project Member
- Partnered with a multidisciplinary team (Business, Engineering) to develop community solutions for Becamex Tokyu.
- Our project: https://www.canva.com/design/DAG37jcziao/uuu2l1qBZcK_yYU3Ei26zQ/edit