THUAN NGUYEN

he/him

Software Engineering Student

Personal info

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Links

* Nguyen Duong Thuan
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INTRODUCTION

* I am a second-year Software Engineering student at FPT University with a deep passion for exploring and applying cutting-edge technologies to real-world projects.

CAREER OBJECTIVE

* Aspiring to join Mantu as a Software Engineer Trainee, where I can leverage my solid foundation in .NET and C# to analyze ERP requirements, build and optimize CI/CD pipelines, and deliver scalable enterprise solutionswhile continuously learning industry best practices and contributing to a high-performing international IT team.

SKILLS

Hard Skills
Technical Proficiency

* Programming Languages
    - C, C#, Java, Python
    - JavaScript, Typescript, HTML, CSS
* Frameworks Platforms
    - .NET 8.0
    - ASP.NET Core
    - Entity Framework Core
* Tools and Technologies
    - Version Control: Git, GitHub
    - Databases: Microsoft SQL Server, MongoDB

Soft Skills
Interpersonal and Managerial

* Effective Communication
    - Clear and concise documentation
    - Presenting technical concepts to other people
* Teamwork and Collaboration
    - Gained teamwork experience through collaborative projects at FPT University.
    - Skilled in conflict resolution and team building
* Problem-Solving and Critical Thinking
    - Analytical approach to complex technical challenges
    - Creativity in developing innovative solutions

Language Skills
Multilingual Proficiency

* Vietnamese: Native
* English: Intermediate

EDUCATION

Software Engineering, FPT University
Ho Cho Minh   Oct 2023 – Nov 2027

PROJECTS

Study-Hub - Learning Management Task System

PERSONAL PROJECT   2025

- A comprehensive web application featuring task management functionality integrated with a learning management system. The project includes user authentication via Google OAuth, course and exam management, student grading system, file handling capabilities, and background job processing. Built with a clean architecture approach using separate layers for data access, business logic, and presentation.

- Technologies Used: .NET 8.0, Entity Framework Core 9.0, SQL Server, AutoMapper, FluentValidation, JWT Bearer Authentication, Facebook - Google OAuth 2.0, Hangfire, Serilog

Shopping-Card - Shopping Cart Application

PERSONAL PROJECT   2024

- Designed and implemented the backend infrastructure for a comprehensive shopping cart application. The project includes a secure and efficient API system that handles user authentication, file uploads, and database management. Built with scalability in mind, it leverages modern tools and frameworks to ensure optimal performance and maintainability.

- Technologies Used: TypeScript, Node.js, Express.js, MongoDB, JWT, Sharp, Formidable, Modular Design

CodeSignal-Solutions Repository

PERSONAL PROJECT   2024

- Compiled a collection of solutions for various coding challenges from the CodeSignal platform. Each solution is crafted to demonstrate problem-solving skills and proficiency in programming concepts, serving as a resource for learning and reference.

- Technologies Used: C, JavaScript, Algorithms, Data Structures, Code Optimization

Shopi-Pied - Product Management Web Application

PERSONAL PROJECT   2024

- Developed a web application that enables users to add, view, and manage products, including details such as name, price, quantity, and image. Implemented basic CRUD operations (Create, Read, Update, Delete) to facilitate efficient product management.

- Technologies Used: HTML5, CSS3, JavaScript, DOM Manipulation, Responsive Design

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Certificates and Prizes

2023	Achieve the FPT 100% Scholarship (78/105 Points)
2024	AI For Everyone | Coursera
2024	HTML, CSS, and Javascript for Web Developers | Coursera
2025	Web Design for Everybody: Basics of Web Development & Coding | Coursera
2025	CCNA: Introduction to Networks | Netacad

Hobbies

- Enjoy playing with pets
- Enjoy cycling in the late afternoon
- Enjoy participating in platforms like CodeSignal and LeetCode to sharpen algorithmic problem-solving skills.