



# Nguyễn Đào Minh Thuận

Backend Developer

## Contact

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## Career Goal

I want to become a proficient backend developer that not only grasps the fundamentals of the field but also recognizes the value of the product and makes a direct contribution to organizational objectives. I'm seeking a professional and growth-oriented setting where I can gain practical experience from real-world projects, learn from skilled coworkers, take on challenging tasks, and hone my system design and problem-solving abilities. My long-term objective is to develop into a technical or senior leadership position while creating dependable, scalable backend systems.

## Skills

- **Backend Development:** RestfulAPI with .NET, WebSocket, third-party integrations (auth, payments, chatbots)
- **Programming & Database:** C#, Java, PostgreSQL, SQL Server, ORM (EF)
- **DevOps & System:** Docker, CI/CD, Swagger, Git, cloud deployment (Vercel, Azure)
- **Collaboration:** GitHub Project, cross-functional teamwork
- **Soft Skills:** Technical communication, problem solving, adaptability, time management

## Education

Sep, 2021 – Nov, 2025

**Major: Software Engineering**

at FPT Quy Nhon University AI Campus

**GPA: 3.1/4**

## Experience

**May - Aug, 2025**

### PhyGen - Building an AI-powered Application for High School Physics Exam Generator

Software Engineering Capstone Project

- **Role:** Backend Developer | **Team size:** 5
- Developed a platform that supports manual or automatic generation of Physics questions using AI based on provided matrices. The matrices are validated against the 2018 secondary school curriculum framework.
  - Build scalable REST APIs with .NET and C#, build clear directory structures, separate layers according to Clean Architecture, apply CQRS to separate write and read logic.
  - Designed complex relational database with PostgreSQL for multirole system (Admin, User).
  - Advanced built-in features: JWT authentication, Google Gemini AI, ChatGPT to support automatic topic generation, user chatbox and automated email workflow.
  - Implemented complex logic for matrix management, curriculum questions, tracking and peer review system.
- **Github Repo:**
  - Backend: [https://github.com/ndmthuan97/PhyGen\\_BE](https://github.com/ndmthuan97/PhyGen_BE)
  - Frontend: [https://github.com/tuyenhttp/PhyGen\\_FE](https://github.com/tuyenhttp/PhyGen_FE)

**Jan - Mar, 2025**

### TimeSwap - Build a Job Posting/Search Application for Recruiters/Candidates.

- **Role:** Backend Developer | **Team size:** 6
- Develop a platform to quickly, effectively and transparently connect employers and job seekers, helping to optimize the recruitment - job search process, while improving the experience for both parties.
  - Build scalable REST APIs with .NET and C#, build clear directory structures, separate layers according to Clean Architecture, apply CQRS to separate write and read logic.
  - Designed complex relational database with PostgreSQL for multirole system (Admin, Recruiter, and Candidate)
  - Integrated advanced features: JWT authentication, Redis caching, and automated email workflows.
  - Implemented complex business logic to manage and optimize the connection process between employers and candidates.
- **Github Repo:**
  - <https://github.com/tranduckhuy/time-swap>

**May - Aug, 2024**

### Content Migration Project – Adobe Experience Manager (AEM)

- **Role:** Dev Migration | **Team size:** ~40
- Participated in a large-scale content migration project using Adobe Experience Manager (AEM), focusing on structured workflows and quality assurance within an enterprise environment.
  - Migrated and validated landing pages from legacy systems to AEM.
  - Ensured data consistency and content integrity across environments.
  - Followed task workflows using Jira, maintained QA checklists in Excel.
  - Gained practical experience in agile collaboration, team coordination, and enterprise-level communication