

# TONG NHA VY

.NET Backend Developer (Fresher)

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## SUMMARY

Backend developer with hands-on experience in .NET and .NET Core. Worked on tasks such as developing APIs, implementing validation, writing Unit Tests, and integrating gRPC. Gained practical experience with Git for version control and Postman for API testing during the internship at 365 EJSC.

## SKILLS

**Technical:** C#, ASP.NET Core, ASP.NET Core API, ASP.NET Framework, EF, LINQ, RESTs API, gRPC, SOLID, Clean Architecture, CQRS pattern.

**DBMS:** SQL Server, MySQL.

**Tools:** Git, GitHub, Postman.

**Others:** C/C++, PHP, Laravel, VueJs, Unit Testing (basic), Python.

## LANGUAGES

English – B1 (Internal)

## EXPERIENCE

### MK solar

2/2025 – 5/2025

#### Python Backend Intern

- Built and optimized CNN-based models (ResNet50, EfficientNet, MobileNetV2) for lung disease diagnosis (90%+ accuracy).
- Integrated the best model into a Flask web app with real-time feedback and diagnostic history.

### 365 Ecosystem Joint Stock Company (365 EJSC)

5/2024 – 12/2024

#### .NET Backend Intern

- Developed internal APIs using **ASP.NET Core + EF Core** for user and transaction modules → improved response time.
- Implemented **Clean Architecture, DDD, CQRS** to separate layers and improve system scalability.
- Built a validation pipeline with **FluentValidation** for DTOs → reduced input errors and improved stability.
- Wrote **Unit Tests** for core services → ensured correctness of business logic and early bug detection.
- Integrated **gRPC** for service-to-service communication → improved API performance compared to REST.
- Contributed to enhancing backend quality and ensuring on-time project delivery.

## PROJECTS

### Booking hotel website

10/2024 – 12/2024

**Project Description:** An online hotel booking website built as a monolithic ASP.NET Core MVC project. I was responsible for system architecture and backend logic, ensuring all features were well-integrated and functional.

**Tech stack:** ASP.NET Core (MVC), C#, EF Core, LINQ, SQL Server, AutoMapper, jQuery, Bootstrap.

**Team size:** 2 → **Role:** Team Leader & Backend Developer.

#### **Contributions:**

- Designed system architecture and database schema.
- Implemented backend logic: business processes, secure session handling, role-based authorization.
- Developed CRUD operations, AutoMapper, and dynamic data binding to UI.
- Performed integration and testing before delivery.

**Demo:** nhavy.id.vn - See demo & description in Portfolio section

**GitHub:** github.com/VzTong/BookingHotels

### Movie Watching Website

3/2024 – 6/2024

**Project Description:** An online movie streaming website developed as a full-stack .NET Core application. I was responsible for both backend and frontend, handling CRUD functions, authentication, and responsive UI design.

**Tech stack:** ASP.NET Core (MVC), C#, EF Core, LINQ, SQL Server, HTML, CSS, JavaScript, Bootstrap.

**Role:** Full-stack Developer.

**Contributions:**

- Designed the database and implemented backend logic for movie/user management.
- Built CRUD functionality for admin and secured access with cookie/session handling.
- Developed responsive UI using HTML, CSS, JavaScript, Bootstrap.
- Implemented dynamic data binding and optimized display across devices.

**Demo:** [nhavy.id.vn](http://nhavy.id.vn) - See demo & description in Portfolio section

**GitHub:** [github.com/VzTong/Anime\\_Web](https://github.com/VzTong/Anime_Web)

## EDUCATION

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**Information technology – GPA: 3.7/4.0**

**Nam Can Tho University (DNC), Vietnam (2021 – 2025)**