

NGUYEN TIEN HAO

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[LinkedIn](#)

[Github](#)

[Portfolio](#)

Thai Hoa, Tan Uyen district, Binh Duong

.NET DEVELOPER & BACKEND DEVELOPER

I am a motivated and passionate student at the University of Sciences, dedicated to the field of software development. With a background in application development focused on E-Commerce and learning applications, I am seeking an internship position that will allow me to challenge myself with real projects and further my knowledge in the software domain. My goal is to contribute to innovative projects within a dynamic environment while gaining valuable exposure and deepening my understanding of the industry.

SKILL

Technical skills

Programming Languages

- C#: Object-oriented programming principles, SOLID design principles, LINQ, async/await, generic programming, extension methods, exception handling, data annotations.

Frameworks

- ASP.NET Core: Web API, MVC, Entity Framework Core.
- Others: JWT, repository pattern, unit of work pattern, dependency injection.

Front-end

- HTML, CSS, Bootstrap, JavaScript, Responsive design.

Other tools

- GitHub: Repository management, branching & merging, push & pull.
- Postman, Swagger: API testing.

Database

- SQL Server, MySQL.

Soft Skills

Problem-Solving: analytical and problem-solving skills.

Communication: teamwork skills, communication skill, presentation.

Flexibility: Time Management, Adaptability, self-learning skill.

ACADEMY PROJECTS

Eshop sales system

(3/2024 - 4/2024)

Team size: 1

Repository: [GitHub Link](#)

Technologies: C#, .NET Core, ASP.NET Core, Entity Framework, SQL Server, Cloudinary, N-tier Architecture, RESTful APIs, JWT, 2FA, Identity.

Project Description:

Developed an e-commerce solution providing core functionalities such as product catalog, customer management, order processing, and payment integration.

Responsibilities:

Implemented core e-commerce features: product management, order processing, and customer authentication.

Developed RESTful APIs for products, categories, orders, and payments.

Utilized Code First with Entity Framework to define data models and manage the database.

Integrated ASP.NET Identity for user management (registration, login, password recovery, role-based authorization).

Used JWT for secure user authentication and session management.

Integrated two-factor authentication (2FA) for enhanced account security.

Implemented pagination for improved product browsing experience.

Developed comment functionality for user reviews and feedback.

Managed order processing and transaction history.

Integrated Cloudinary for product image storage.

Applied N-tier Architecture for better code organization.

Online multiple choice exam application

Team size: 2

(5/2023 - 6/2023)

Repository: [GitHub Link](#)

Technologies: C#, .NET Core, ASP.NET Core, Entity Framework, SQL Server, MVC, HTML, CSS, jQuery.

Project Description:

Developed an online quiz application allowing users to take quizzes, manage questions, and track results, providing an interactive learning experience.

Responsibilities:

Implemented core features: quiz management, question creation, and user authentication.

Developed functionality for managing quizzes and questions directly within the application.

Utilized Data First approach with Entity Framework to create the data model based on an existing database schema.

Implemented pagination using jQuery DataTables for efficient navigation through quizzes and questions.

Enabled teachers to manage results, allowing them to view and track student performance.

Allowed admins to create classes, student, teacher, exams, subjects, and questions, providing flexibility in quiz management.

Implemented role-based authorization, ensuring that users have appropriate access levels based on their roles (e.g., admins, teachers, and students).

EDUCATION

UNIVERSITY OF SCIENCES - VNU HCM (2021 - 2025)

Majors: Mathematics and Computer Science

Specialization: Software engineering

Current-grade : 3.3/4.0

TAN PHUOC KHANH HIGH SCHOOL (2018 - 2021)

WORK EXPERIENCE

math and computer tutoring (2021 - 2022)