

Nguyen Bao Huy

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📍 Phan Thanh, Thanh Khe, Da Nang

PROFESSIONAL SUMMARY

A highly passionate and results-driven individual with over one year of practical experience focused on **Backend Development**. Specialized in building robust and scalable systems using **ASP.NET Core** and **SQL Server**, complemented by proficiency in **Node.js (Express.js)** and **MongoDB/MySQL**. Solid understanding of Object-Oriented Programming (**OOP**) and experienced in designing and developing secure **RESTful APIs**. Capable of managing source code using **GitHub** and applying the **Git Flow** workflow. Seeking an Internship position to contribute to innovative projects and further develop expertise.

EDUCATION

University of Science and Education - The University of Da Nang
Bachelor of Science in Information Technology (GPA: 3.43 / 4.0)

Da Nang, Vietnam
2023 – Present

TECHNICAL SKILLS

Back-End: C#, ASP.NET Core (API/MVC), Node.js (Express), PHP (Laravel), EF Core, LINQ, JWT, Dependency Injection, OAuth2, Webhook

Front-End: HTML5, CSS3, JavaScript, Bootstrap, React.js

Databases: Microsoft SQL Server, MySQL, MongoDB Atlas

Tools & Cloud: Git (Git Flow), GitHub, GitLab, Postman, Insomnia, Swagger, Visual Studio, VS Code, Cloudinary, Firebase

Languages: English (Conversational / Reading Technical Documentation)

PROJECTS

Calendar Scheduling System | *ASP.NET Core, SQL Server, JavaScript, Bootstrap* Contract Project (2025)

- Delivered a custom scheduling module inspired by Google Calendar, **translating specific client requirements** into a functional product.
- Designed and built **RESTful APIs** in ASP.NET Core to manage calendar events and user interactions.
- Implemented complex backend business logic for date-time handling, recurring events, and schedule validation.
- Integrated backend APIs with a JavaScript-based calendar UI to handle real-time user actions.
- Ensured data consistency and validation to meet **production standards** and client acceptance criteria.

SmartConnect | *ASP.NET Core MVC, SQL Server, Bootstrap, HTML/CSS* Academic Project (3 months)

- Developed the complete user interface using **HTML5, CSS3, Bootstrap** and integrated it into **ASP.NET Core MVC (Razor Views)**.
- Designed and implemented core business logic with full CRUD functionality following a layered architecture.
- Built the data access layer using **Entity Framework Core** and applied **AutoMapper** to decouple data transfer (DTOs).
- Implemented secure user authentication and **Role-Based Access Control (RBAC)** using ASP.NET Core Identity.

SELF-STUDY & DEVELOPMENT

AI & Backend Integration | *FAISS, Python, ASP.NET Core* Ongoing

- Developing a Chatbot system integrating FAISS for vector similarity search and Logistic Regression for intent classification.
- Implementing communication between Python AI services and ASP.NET Core backend to optimize response latency.

Advanced Software Architecture | *Clean Architecture, Docker* Ongoing

- Actively researching and implementing **Clean Architecture** to ensure code scalability and maintainability.
- Studying **Docker** containerization to optimize development environments and deployment workflows.

Independent Problem Solving Ongoing

- Developed strong research skills using Microsoft Official Documentation to resolve complex technical issues.