



Nguyen Dao Linh Dan

Web Developer Internship

Portfolio / LinkedIn / Github

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PERSONAL SUMMARY

I'm dedicated to developing my algorithmic and programming skills, staying updated on new technologies, and applying them to personal projects. I also work on enhancing my English and soft skills for effective communication.

EDUCATION & ACHIEVEMENTS:

Junior student of Information Technology, major in Software Engineer

Saigon University 2021 - Present

- Class Representative.
- Awarded a scholarship in the first year for academic excellence.

AREAS OF EXPERTISE

- **Frontend:** Angular 17, ASP.NET Razor, Thymeleaf (Spring), AJAX, JQuery, TypeScript, JavaScript, Bootstrap 4/5, HTML, CSS
- **Backend:** .NET/.NET Core (Framework 7/8), Duende IdentityServer6, Restful API, JWT, Entity Framework Core (Fluent API), Spring MVC, Spring Data JPA, Spring Data REST, Hibernate Framework
- **Architecture:** Microservices, MVC, Code First, Database First, Three-Layer Architecture
- **Database:** SQL (Microsoft SQL Server), MySQL (Azure Data Studio, MySQL Workbench), NoSQL (Firestore)
- **Unit Test:** XUnit, Karma, Jasmine, Postman
- **Docker:** Containerization, Docker Compose (Configuration), SQL Server (Docker-based Deployment)
- **Operating Systems & Virtualization:** VMware, Ubuntu, CentOS

NOTABLE PERSONAL PROJECTS:

Airline reservation management website

May 2024 - July 2024

Github: <https://github.com/LinhDancute/Airline-IdentityServices-MVC>

- **Introduction:** Developed an online flight ticket booking system using a microservices architecture with HttpClientFactory for service communication, employing the MVC design pattern and supporting multiple local environments. Key components include:
 - WebClient (localhost:7000): Blazor Web for admin management.
 - SPAClient (localhost:4200): Angular SPA for flight bookings.
 - AuthAPI, ScheduleAPI, CouponAPI (localhost:7002, 7003, 7004): Microservices for authentication employing JWT tokens, flight schedule management, and ticket booking, respectively
 - ApiGateway (localhost:7005): Secures and manages requests to the above APIs.
 - Duende IdentityServer6 (localhost:7006): Provides OIDC authentication for WebClient.
 - Unit testing using xUnit for API services and Karma/Jasmine for the Angular SPAClient
- **Frontend:** Angular 17, ASP.NET Razor, TypeScript, JavaScript, Bootstrap5, HTML, CSS
- **Backend:** .NET/.NET Core Framework7/8 Code first MVC, Duende IdentityServer6, Microservice, Restful API, JWT, Entity Framework Core Fluent API, Entity Framework7/8, Linq
- **Unit Test:** XUnit, Karma, Jasmine, Postman
- **Database:** Microsoft SQL Server
- **Document:** ERD, Sequence diagram, Activity diagram, Use case, DFD, BFD, Testcase.

ADDITIONAL PROJECTS:

- **April 2024 - May 2024: Equipment Lending and Management Website:** A platform for managing equipment lending and administration, developed with Thymeleaf, Bootstrap 5, JavaScript, Spring MVC, Spring Data JPA, Hibernate, and MySQL.
- **Feb 2023 - Jun 2023: Online Shoes Shopping System:** An e-commerce platform. Built with JavaScript, jQuery, AJAX, Bootstrap, PHP, SQL, and MySQL, and integrates Twilio SMS, PHPMailer, and OAuth 2.0 for Google API access.