

# Nguyen Dao Linh Dan

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[github.com/LinhDancute](https://github.com/LinhDancute) • [linhdancute.github.io/minimal-portfolio](https://linhdancute.github.io/minimal-portfolio)

Proactively enhanced algorithmic and programming skills, consistently integrating new technologies into personal projects. Demonstrated strong communication skills, actively improving English proficiency and soft skills to collaborate effectively with teams in fast-paced environments.

## EDUCATION

<b>Engineer in Information Technology</b>	<b>Jan 2021 - Present</b>
Saigon University	
Major in Software Engineering Achieved scholarship for academic excellence, ranking in the top 5% of the class	
Elected Class Representative, leading initiatives to improve academic and social experiences for peers	

## AWARDS

<b>Scholarship for Academic Excellence by Saigon University</b>
Recognized by Saigon University for outstanding academic performance, consistently placed in the top 5% of the class.

## LANGUAGES

**Englist** (Full professional proficiency)

## SKILLS

<b>Front-End:</b> Angular 17, ASP.NET Razor, Thymeleaf (Spring), AJAX, jQuery, TypeScript, JavaScript, Bootstrap 4/5, HTML, CSS
<b>Back-End:</b> .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
<b>Architecture:</b> Microservices, MVC, Code First, Database First, Three-Layer Architecture
<b>Database:</b> Microsoft SQL Server, MySQL, Firestore
<b>Unit Test:</b> XUnit, Karma, Jasmine, Postman
<b>DevOps:</b> Docker (Containerization, Docker Compose), SQL Server (Docker-based Deployment)
<b>OS &amp; Virtualization:</b> VMware, Ubuntu, CentOS

## PROJECTS

<b>Airline reservation management website</b>	<b>May 2024 - Jul 2024</b>
<b>Introduction:</b> Designed and implemented an online flight ticket booking system, reducing system response time by 25% through the use of a microservices architecture with HttpClientFactory for efficient service communication.	
<b>Responsibilities:</b> Spearheaded the development of key components, including Blazor Web, Angular SPA, and Microservices (AuthAPI, ScheduleAPI, CouponAPI), achieving seamless integration and optimal performance.	
<b>Security:</b> Integrated Duende IdentityServer6 for robust authentication and authorization, significantly enhancing the system's security and compliance.	
<b>Front-End Technologies:</b> Angular 17, ASP.NET Razor, TypeScript, JavaScript, Bootstrap 5, HTML, CSS	
<b>Back-End Technologies:</b> .NET/.NET Core Framework 7/8, Code First MVC, Duende IdentityServer6, Microservices, Restful API, JWT, Entity Framework Core Fluent API, LINQ	
<b>Unit Testing:</b> XUnit, Karma, Jasmine, Postman	
<b>Database Management:</b> Microsoft SQL Server	
<b>Documentation:</b> Produced comprehensive documentation, including ERD, Sequence Diagrams, Activity Diagrams, Use Cases, DFD, BFD, and Test Cases, ensuring clear communication and project clarity.	
<b>Equipment Lending and Management Website</b>	<b>Apr 2024 - May 2024</b>
<b>Introduction:</b> Developed a comprehensive platform for equipment lending and management, increasing user efficiency by 30% by streamlining the process with a user-friendly interface and robust back-end using Spring MVC and Spring Data JPA.	
<b>Tech Stack:</b> Thymeleaf, Bootstrap 5, Spring MVC, Spring Data JPA, Hibernate, MySQL	
<b>Additional Details:</b> Implemented Hibernate ORM for optimal database management, leveraging MySQL with PhpMyAdmin for seamless data handling and administration. Applied best practices in design and development to ensure scalability and maintainability.	
<b>Online Shoes Shopping System</b>	<b>Feb 2023 - Jun 2023</b>
<b>Introduction:</b> Developed a comprehensive e-commerce platform for online shoe shopping, enhancing the customer experience with a responsive front-end and robust back-end. Increased user engagement by improving site responsiveness and streamlining the checkout process in a fast-paced development environment.	
<b>Tech Stack:</b> JavaScript, jQuery, AJAX, Bootstrap, PHP, MySQL	
<b>Best Practices:</b> Applied industry best practices in coding and system design to ensure scalability and maintainability. Adhered to BASIC principles for secure and efficient data handling.	
<b>Third-Party Integration:</b> Implemented Twilio SMS for customer notifications, PHPMailer for seamless email communication, and OAuth 2.0 for secure user authentication, boosting customer satisfaction by 20%. Utilized collaborative techniques to integrate these solutions smoothly into the system.	