



# NGUYEN HUYNH LAM

Software Engineer

## CONTACT

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## EDUCATION

2022 - 2026

**Ho Chi Minh City University of Technology (HUTECH)**

Industry: **Information Technology**

- Major: **Software Engineering**

## SKILL

### Frontend

- HTML5, CSS3, JavaScript
- Programming language
- C#, PHP
- Python (basic)
- Java (basic)
- C, C++
- Database**
- SQL Server
- MongoDB
- Tools & Technology**
- Version management:** Git, GitHub
- Growing environment:** Visual Studio, Visual Studio Code
- API Testing:** Postman
- Automated testing:** Selenium IDE
- Deployment:** XAMPP, cPanel, DirectAdmin
- Domain name management, DNS, Use Cloudflare
- Project Management:** Jira, ClickUp

## ABOUT ME

As a Software Engineer with four years of practical experience and over four years of professional training at university, I possess extensive experience in developing, operating, and deploying systems from various freelance projects on social media. While lacking in-depth technical design and user experience (UI/UX) skills, I am capable of providing optimal solutions and consulting clients, while also being dedicated to maintenance support. After graduation, I am eager to work in a dynamic environment to gain experience, ask questions, further develop my knowledge, and contribute practical value to software products.

## PERSONAL PROJECT

### Library Management Website

Role: Full-stack Developer

2025-2026

[github.com/huinhlemm](https://github.com/huinhlemm)

- Developing a library management system using **ASP.NET Core MVC, Entity Framework, and SQL Server**
- Integrating AI Image Search (ONNX Runtime)** to enable book searching by image
- Building a real-time chat (SignalR)** to support interaction between users and administrators
- Designing an RBAC (Admin – Librarian – User)** permission system to ensure security and access control
- Automatically sending email notifications (MailKit)** for book borrowing/returning and password resets
- Building a feature to **import data from Excel** to reduce manual data entry
- Results:**
- Completed system with 20 functionalities

Applying an end-to-end software development process (design → development → deployment)

### Tic-Tac-Toe Game Website

Role: Full-stack Developer

2025-2026

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This web game, Tic-Tac-Toe, uses **ASP.NET Core MVC, Entity Framework Core, and SQL Server. It integrates SignalR for real-time synchronization of the board and chat between two players. A user authentication system (ASP.NET Identity)** is built to support registration, login, password change, and profile management. The game room flow (creating/joining rooms) **ensures turn control, 5-piece win verification**, and rematch support. A user interface (**Razor Views, JavaScript/jQuery, Bootstrap**) is developed to optimize the real-time interactive experience. The final result: A complete system with core functionalities: **authentication, game room lobby, real-time gameplay, real-time chat, and rematch.**