

# NGO DUY HOANG LONG

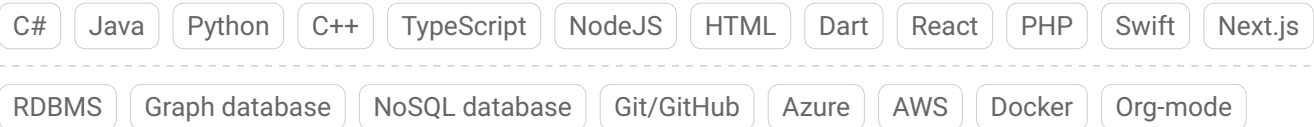
## SOFTWARE ENGINEER - FULLSTACK DEVELOPER

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"C# and Java Developer with 1+ year experience building enterprise applications. Expert in ASP.NET Core, Spring Boot, and RESTful APIs following OOP principles. Skilled in developing secure, high-performance backend solutions and deploying on Azure and Docker with CI/CD pipelines."

## SKILLS



## WORK EXPERIENCE

### Remote Outsourcing

#### Bach Tuong Phat Trading Investment JSC

📅 01/11/2024 – Ongoing    📍 Ha Noi

- Independently developed Supermetric, a custom e-commerce analytics platform that aggregates and visualizes monthly sales data from multiple platforms (Shopee, TikTok, DienMayXanh)
- Engineered Python-based web crawling tools to automatically extract and process sales data from multiple e-commerce platforms
- Designed and implemented an end-to-end automated system on Azure Cloud virtual machines for data collection, processing, and visualization
- Built and maintain the full-stack web application for internal company use, enabling data-driven decision making based on consolidated sales analytics



### Full Stack Developer

#### Beehexa Corporation

📅 20/3/2024 – 01/01/2025    📍 Ho Chi Minh

#### Social Media Platform Project (Cross-functional Team of 8)

- Engineered backend services in C# implementing N-tier architecture with RESTful APIs and SOLID design principles for modular, maintainable code structure.
- Architected and optimized social relationship data model using Neo4j graph database.
- Deployed and maintained application on Azure cloud infrastructure.
- Integrated real-time notifications and messaging functionality via SignalR WebSockets.
- Implemented OAuth2.0 and JWT-based authentication system with role-based access control, enhancing platform security

#### HexaSync Integration Platform

- Utilized HexaSync integration platform to automate data synchronization across multiple business systems such as ERP, CRM, and POS.
- Helped monitor and improve HexaSync's performance, ensuring smooth integration.



### Internship

#### Beehexa Corporation



📅 12/12/2023 – 15/3/2024    📍 Ho Chi Minh

- Handled data processing and scraped questions from Stack Overflow to develop an open-source library.
- Participated in the project of training a chatbot for the Beehexa's website.

# PERSONAL PROJECTS

## CineMate - Collaborative Streaming Platform

### Personal Project

- Engineered a real-time video watching application with synchronized playback for remote teams.
- Implemented low-latency streaming using QUIC protocol, reducing network interruptions by 60%.
- Developed scalable microservices architecture using Java and Azure cloud.
- Designed cross-platform integration allowing synchronized playback from local files, YouTube, Netflix, and other streaming platforms.
- Created a WebRTC-based chat system with video conferencing capabilities for enhanced collaboration during viewing sessions.
- Implemented a custom synchronization algorithm maintaining <50ms playback difference across all connected clients.
- Utilized RabbitMQ for efficient message queuing and asynchronous processing.
- Built secure authentication system using OAuth 2.0 for protected streaming sessions.
- Developed responsive UI with React and Material-UI, supporting multiple device form factors.
- Implemented analytics dashboard tracking user engagement and system performance metrics.
-  hlong-dev/cinemat
-  cinemate.website

Microservices

Real-time Streaming

WebSocket



WebRTC

OAuth 2.0

React

## NoteWorth - Collaborative Note-Taking App

### Personal Project

- Built a full-stack note management application with advanced collaboration features using Next.js and TypeScript.
- Developed responsive and modern UI with Tailwind CSS and RadixUI component library.
- Implemented secure authentication protecting user data with industry-standard encryption.
- Created RESTful API with comprehensive CRUD operations and role-based access control.
- Containerized the application with Docker for consistent development and deployment environments.
- Deployed and hosted the application on Vercel with CI/CD pipeline integration.
- Added features like markdown support, advanced search, and collaborative editing.
-  hlong-dev/noteworth
-  noteworth.app

Next.js

TypeScript

Tailwind CSS

Docker

Vercel

RadixUI

# CERTIFICATIONS



**English Proficiency**  
CEFR B2 Level



**Agile Methodology**  
Professional Scrum Master (PSM I)



**Cloud Computing**  
AWS Certified Cloud Practitioner (In Progress)

# COMPETITIONS



**Academic Excellence**  
Outstanding Student (3 Consecutive Years)



**My First Website 2024**  
Third Place

**IT GOT Talents 2024**  
Third Place

**MATHEMATICAL IQ 2023**  
Second Place

# EDUCATION

B.S. in Software Engineering

**Ho Chi Minh City University of Technology**

 Sept 2021 – April 2025

- GPA: 3.22/4.0
- Achieved perfect 4.0 GPA for one semester, ranking among the top 20 students out of 4,000 for that term

# SOFT SKILLS

Communication

Teamwork

Agile Mindset

Documentation

Adaptability

Leadership