

Nguyen Tran Hoang Long

Backend Developer (C#/.NET) • Systems & Deployment • Local AI

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Backend developer with 4+ years building software, 2 of them professional. I build C#/ASP.NET Core services that real users depend on daily — at Nam Can Tho University my system serves every student and staff member — and I run the servers behind them, including the on-prem AI stack the team shares. I turn business needs into stable, working systems and pick up new tools fast.

Skills

Backend C#, ASP.NET Core Web API, REST, EF Core, async, dependency injection

Also Java, Python, PHP, JavaScript / Node.js, TypeScript, SQL

Data SQL Server, PostgreSQL, MySQL, MongoDB, Redis

Infra / AI Linux, Docker, Cloudflare, vLLM & local LLM serving, RAG, deployment & troubleshooting

Learning SignalR, Microsoft Orleans

Languages Vietnamese (native), English (technical reading/writing), Japanese (basic)

Experience

Backend Developer & IT Engineer — DNC Software Center, Nam Can Tho University

Can Tho

2025 – Present

- C#/ASP.NET Core + EF Core APIs for the university training-management system, used by all students and staff every day.
- Deploy and operate 6+ production servers across live projects; diagnose and fix incidents quickly.
- Set up and run local AI servers (LLM / embedding / RAG), including for business customers.
- Work with Git and code review; coordinate with other teams on system requirements.

Collaborator — NextGen Vietnam JSC (Dai Viet Group)

Remote

04/2022 – 07/2022

- Built a batch tool to remove objects from many images at once, using the open-source LaMa inpainting model.

Selected Projects

Zalo Linux Native

zalo-linux-native

2026 • Electron, C++

Unofficial Zalo port for Linux x86_64; rebuilt every native module by hand, including the call bridge. Two-way voice works.

Binance P2P Radar

binance-p2p-radar

2026 • Python

Real-time P2P market radar: sweeps 400+ ads in under 1.5s and pushes one-tap Telegram alerts.

WTF Movies (team)

WTFmovies, team

2025 • Next.js

Movie streaming with HLS video, comments and user management. Team project.

Education

M.Eng, Software Engineering (research-based) — Can Tho University

weekends, self-funded

2026 – 2028 (in progress)

B.Eng, Software Engineering — Can Tho University of Technology & Engineering

2021 – 2025 (graduated)