

Huynh Quoc Truong

Software Engineer

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OBJECTIVE

Software Engineer with **2.5 years of hands-on experience** in **backend and web application development**. Committed to writing **clean, efficient, and maintainable code** while continuously improving **technical and problem-solving skills**. Seeking to take on **greater ownership and responsibility** in a professional environment, with the goal of growing into a **Middle/Senior Developer** role within the **next 1–2 years**.

EDUCATION

Ton Duc Thang University

Aug 2021 - May 2025

Software Engineering

GPA: 8.3/10

WORK EXPERIENCE

Golden Owl Solutions

Oct 2024 - Present

Software Engineer

- Designed and delivered **full-stack features** using **PHP/Laravel, NestJS, and Next.js/React**, covering **database design, REST APIs, and production-ready UI**.
- Designed and implemented **event-driven** and **asynchronous workflows**, including **webhooks, retry and idempotency mechanisms, timeout handling**, and **Outbox-based event publishing** for reliable **third-party integrations**.
- Optimized **MySQL schemas and queries** for **high-traffic, read-heavy systems** through **indexing, pagination, and caching**, reducing **production query latency** by up to 60%.
- Built **transactional, state-driven business workflows** using **database locking, state machines, and background jobs** to maintain **data consistency under concurrent operations**, including **inventory synchronization** and **reservation systems**.
- Developed **API-first, schema-driven platforms**, including **headless CMS** and **headless commerce solutions**, decoupling **business logic and content management** from the frontend and enabling **non-technical teams** to manage operations independently.
- Contributed to **technical design, code reviews, deployment processes, and environment configuration** across multiple application layers.

Freelancer

Jan 2024 - Oct 2024

Teaching Assistant / Tutor

- Guided university students in **Object-Oriented Programming (OOP)**, covering **encapsulation, inheritance, polymorphism, and abstraction**.
- Assisted with **programming exercises, debugging, and assignments**, providing practical guidance and code reviews.
- Mentored students in **problem-solving, code quality, and object-oriented design**.

SKILLS

Programing Languages

PHP, Java, Typescript, SQL

Frameworks

Laravel, Spring Boot, NestJS, NextJS, ExpressJS, React

Databases

PostgreSQL, MySQL, Redis, Mongo, Firebase

Orthers

Git, Docker, REST API, Caching, Webhook, Background jobs, Queue

AI tools

Codex, Cursor, Claude Code