

TRUONG CUONG THINH

Senior Fullstack Engineer

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OBJECTIVE

To develop into a Technical Lead excelling in both technical expertise and team management, becoming a technology expert across multiple domains. Aspire to be a core member of a high-performing “dream team”, while actively sharing knowledge and experience with the programming community.

EXPERIENCES

Amberos

11/2025 - present

SENIOR FULLSTACK ENGINEER

Project: Production System Development – ONESECUREASIA

Team Size: > 10 members

Key Responsibilities:

- Led and managed **3 projects from scratch** through production release
- Delivered **full-stack development** across backend and frontend systems
- **Optimized database queries** and data access patterns for large datasets (≈ **100 million records**)
- **Standardized code conventions** and enforced consistent project structure to improve team collaboration and maintainability

Tech Stack:

- Backend: NestJS (Express), PostgreSQL, Prisma, Redis, Cloudflare API
- Frontend: NextJS, Tanstack

Simplyhomes

10/2024 - 09/2025

SOFTWARE ENGINEER II

Project: Develop the tools helpful employee manage real estate

Team Size: 7 members.

Key Responsibilities:

- Fullstack development, providing technical solutions and guidance to team members.
- Designed and optimized **multi-tenant database architecture** in collaboration with the team lead.
- Developed an **SDK** for company-wide integration, enabling other teams and external partners to connect seamlessly.
- Optimized database queries, application architecture, and overall system performance.

Tech Stack:

- Backend: NestJS (Express), PostgreSQL, Redis, Google API, GitHub API
- Frontend: React, TypeScript, React Query Client
- Cloud & DevOps: AWS S3, AWS EC2, AWS RDS, CloudFront

UTA Solutions

06/2023 - 10/2024

TEAM LEAD

Project: Agriculture Management System to support farmers with task management, inventory tracking, product traceability, cultivation history, disease management, and weather forecasts.

Team Size: 12-15 members

Key Responsibilities:

TMA Solutions

11/2021 - 05/2023

- Led the **system and database design** to support **multi-tenant architecture** based on PO requirements.
- Set up project source code, architecture, coding conventions, and development workflows.
- Fullstack development for both frontend and backend modules.
- Conducted research and implemented **IoT module testing**.
- Optimized database performance and application scalability.
- Reviewed and planned features with PO, assigning and reviewing tasks for team members.
- Mentored developers, providing technical solutions and best practices.

Tech Stack:

- Backend: NestJS (Express), GraphQL Federation, PostgreSQL, Redis
- Frontend: React, Redux, TypeScript, Apollo Client, GraphQL

SOFTWARE ENGINEER

Project: Financial Contract Management System

Team Size: 5 members

Key Responsibilities:

- Migrated legacy technologies to modern stack.
- Updated frontend libraries (**Bootstrap, Stimulus**) and improved UI performance.
- Cleaned and refactored codebase for maintainability.
- Developed new features and optimized existing ones.
- Worked as a **fullstack developer** across frontend and backend.

Tech Stack:

- Ruby on Rails (Hotwire, Turbo, Stimulus)

SKILLS

Leadership:

- Capable of analyzing requirements from **PO/PM** and breaking them down into smaller, manageable tasks for team members.
- Experienced in assigning tasks, reviewing code, and mentoring team members to improve code quality and productivity.

System Analysis:

- Proficient in analyzing complex systems, transforming ideas into actionable development plans.
- Capable of translating concepts into concrete deliverables, including **database design, system architecture, and detailed development tasks**.

Backend:

- NestJS, Restful, GraphQL, Kafka, RabbitMQ, Prometheus, Grafana, AWS (EC2, S3, RDS)
- Databases: Postgres, Redis, Elastic Search

Frontend:

- React, Next.js, Redux, Zustand, TypeScript, Apollo Client, Tanstack, MUI, Tailwind