

DO MINH TRI

Software Engineer

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Summary

As a senior student at **Ho Chi Minh City University of Science**, I'm pursuing a Bachelor's degree in **Software Engineering** and have gained valuable experiences in **Web Development** using [Golang](#), [Node.js](#), [ReactJS](#). I'm seeking opportunities in order to contribute to projects and advance my skills as a software engineer.

Education

University of Science, VNU-HCM

Oct 2020 - Nov 2024 (Expected)

- Information Technology, High Quality Program
- **Major:** Software Engineer
- **Grade:** 8.67

Work Experience

NEXPANDO JSC

Software Engineer

Sep 2023 - Oct 2023

- **Responsibilities:** Implement products, categories, banners and best-selling, flash sales, promotion tabs, and integrate Craft.js for drag-and-drop to create landing pages in the **VNSHOP** project. Implemented trip list and layout components in the **XeKhachHN** project.
- **Tech stack:** Next.js, React, Tailwind CSS, TypeScript, Strapi.

Software Engineer Intern

June 2023 - July 2023

- **Responsibilities:** Design database and develop Backend system to crawl data periodically from vba.vn. Implement Club, Match, and Ranking UI for the Frontend application.
- **Tech stack:** LoopBack 4, Cheerio, PostgreSQL, Next.js, ReactJS, Tailwind CSS, TypeScript, Docker, Git.
- **Link:** [Frontend](#) | [Backend](#)

Projects

Advertising Management

Sep 2023 - Jan 2024

- **Description:** A map-base application using Mapbox for managing advertising spots, billboards, and handling violation reporting in Ho Chi Minh City.
- **Team size:** 6 members.
- **Role:** Frontend Developer.
- **Responsibilities:** Implement staff module features, including managing advertising spots and billboards, handling violation reports, licensing company billboards, authentication and authorization features.
- **Tech stack:** ReactJS, Material UI, Mapbox, NestJS, Node.js, PostgreSQL, NX Workspace.
- **Link:** [Demo](#) | [GitHub](#)

Simple Bank

Oct 2023 - Dec 2023

- **Description:** A backend web service for bank account management, including account creation, balance tracking, and money transfer transactions.
- **Responsibilities:** Design database, build RESTful APIs and gRPC APIs, implement gRPC Gateway, secure the APIs with JWT and PASETO, write HTTP logger middleware, integrate async worker, create and send emails, build Docker image and deploy to AWS Kubernetes cluster, and write unit tests.
- **Tech stack:** Golang, Gin, SQLC, Swagger, PostgreSQL, Redis, gRPC, Docker, Kubernetes, AWS, Unit Testing.
- **Link:** [GitHub](#)

Car Booking

June 2023 - Sep 2023

- **Description:** A real-time car booking application like Grab that applied Microservices Architecture, Event-Driven Architecture and Design Patterns.
- **Team size:** 4 members.
- **Role:** Project Manager, Full Stack Developer.
- **Responsibilities:** Implement Credential Service with JWT, integrate Google Geocoding API to locate and coordinate in Call Center Service. Develop Call Center UI to manage call bookings, application statistics and track trip status.
- **Tech stack:** Node.js, Express, RabbitMQ, WebSocket, MongoDB, Next.js, ReactJS, Tailwind CSS.
- **Link:** [GitHub](#)

Technical Skills

- **Programming languages:** Golang, TypeScript, Java.
- **Frameworks:** Gin, Node.js (NestJS, Express, LoopBack 4), Next.js, ReactJS, Tailwind CSS, Material UI, Redux Toolkit.
- **Databases:** PostgreSQL, MongoDB, MySQL.
- **Tools:** Git, Postman, Docker, Kubernetes, AWS, RabbitMQ, Redis, Strapi, NX Workspace, VS Code, Linux OS.
- **Others:** OOP, Design Patterns, SOLID Principles, RESTful API, gRPC, Microservices, Monorepo, CI/CD, Unit Testing.
- **Foreign language:** English (TOEIC 700 / 990).

Achievements

- **Gold Medal** in Mathematics at The 2019 Excellent Student Competition in Cluster IV, HCMC.
- **Bronze Medal** in Mathematics at The April 2018 Ho Chi Minh City Olympic Competition.

Certificates

- **Udemy:** [Backend Master Class \[Golang + Postgres + Kubernetes + gRPC\]](#)
- **Coursera:** [Programming with Google Go](#)