

Le Van Trung Tinh

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EDUCATION

Duy Tan University
Bachelor of Information Technology

Da Nang, VIETNAM
Aug 2021 - jun 2025

TECHNICAL SKILLS

Programming Languages: TypeScript, JavaScript, JAVA, Python, HTML/CSS
Backend — APIs: Node.js (NestJS, Fastify, Express.js), FastAPI, REST API, tRPC
Frontend Development: React, Next.js, Tailwind CSS, Shadcn/ui
AI/ML Data Science: XGBoost, Association Rules (Apriori), Pandas
Databases: PostgreSQL, MySQL, MongoDB, Drizzle ORM, Prisma, TypeORM, Neon, Pinecone
Tools — DevOps: Git, Docker, Linux, Postman, Inngest, Bash

WORK EXPERIENCE

Backend Developer Intern
Tomosia Vietnam, Da Nang, Vietnam

Mar 2025 - Oct 2025

- Focused on backend development, system architecture, and building production-ready projects following clean architecture standards.
- Built scalable backend services using Node.js, TypeScript, and Fastify.
- Implemented automation scripts with Bash, managed Docker containers, and worked with tRPC for efficient API development.
- Developed frontend components for small projects using Next.js and shadcn/ui.

Power BI Tutor
Hoc Cung Chuyen Gia, Da Nang, Vietnam

2025 (5 months)

- Provided 1:1 tutoring on data visualization, data modeling, and DAX formulas.
- Guided students in building interactive dashboards and professional reports.
- Enhanced communication and pedagogical skills through personalized mentoring sessions.

PROJECTS

- **MeetAI - Video Call SaaS:** An AI-powered meeting assistant built with **Next.js** and **Drizzle ORM**. Integrated **OPENAI Multimodal Live API** for real-time video interaction and automated transcript summarization using background jobs with **Inngest**, integrate payment by **Polar**. [GitHub](#) [LiveSite](#)
- **Clinic Booking System:** A backend-focused healthcare platform built with **Node.js** and **React**. Developed core services for **Appointment Scheduling**, patient **CRUD** operations, and secure **Authentication**. Implemented **Call Streams** and automated status updates to streamline the clinic-patient communication flow. [GitHub](#)
- **Medical Diagnosis Chatbot:** A comprehensive AI system using **XGBoost** and **Association Rules** to identify disease patterns. Built a secure **Authentication** module with **Java Spring Boot**. Developed a data pipeline to crawl and map medical terms from the **Disease Ontology** database, followed by **Synthetic Data Generation** and rigorous data cleaning to train high-accuracy diagnostic models. [GitHub](#)
- **Blog API Backend:** A scalable backend system developed using **Node.js**, **Fastify**, and **TypeScript**. Implemented **JWT Authentication** and **Redis** for high-performance caching, following Clean Architecture principles for maintainability. [GitHub](#)
- **Custom Data Structures Library:** Developed a Java library implementing core data structures from scratch, bao gm **Dynamic Array (ArrayList)**, **Linked List**, và **Hash Map**. Focus on emulating **JDK's standard behaviors**, optimizing **amortized time complexity** for dynamic resizing, and handling edge cases such as index validation and null elements. [GitHub](#)

EXTRACURRICULAR ACTIVITIES

- **Learn and test Fundamentals cyber security** in AUGEST Company - Sep 2024 [Certificate](#)
- **Contestant — Mezon Bot Challenge (HelpDev Bot)** - Mar 2025 - Apr 2025
- **Participant — Build with AI Workshop** in GDG Central