

Le Anh Tuan

Senior Backend / Full-stack Engineer

Senior Backend / Full-stack engineer specializing in ERP delivery (Odoo v11–18) and modern backend systems. I build scalable APIs and integrations, design reliable data flows (caching, background jobs), and ship production-ready systems with strong observability and security fundamentals. I'm focused on owning end-to-end delivery and raising engineering standards through clean architecture and pragmatic practices.

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SKILLS

Odoo (v11–18) · Python (FastAPI) · Rust · NestJS · PostgreSQL · Redis · RabbitMQ · Docker · Kubernetes · CI/CD · OpenTelemetry · Next.js · TypeScript · Flutter · AWS S3

WORK EXPERIENCE

IT Manager (Hands-on Backend/Full-stack)

Aug 2024 - Present

Bestmix

- Led Odoo 18 implementation and go-live, owning technical delivery across custom modules, integrations, and rollout
- Architected and built a standalone BI platform (NestJS + Next.js), focusing on secure APIs, data pipelines, and dashboards
- Delivered an HRMS mobile app (Flutter) backed by reliable services and role-based workflows
- Improved system reliability and performance via profiling, caching where appropriate, and operational monitoring

Deputy IT Manager (Backend/ERP Engineering)

2018 - May 2024

Voltrans Logistics

- Led delivery of company-wide systems on Odoo (v11–17): custom business flows, integrations, and reporting
- Owned backend reliability: performance tuning, data consistency, and incident/debug workflows
- Deployed and maintained infrastructure with Docker/Kubernetes and CI/CD for repeatable releases
- Built executive reporting systems with strong data correctness and access control

PROJECTS

VANTIS — LMS Platform (Go-live Sep 2025)

vantis.edu.vn/

Go-live: Sep 2025

A production learning management platform with web and dedicated mobile apps for learners and instructors.

- Problem: deliver an LMS with strong ERP-grade workflows and reliable release operations
- Solution: Next.js web + Flutter apps; Odoo 18 for LMS core; FastAPI services for integrations/auxiliary features
- My role (full stack): web frontend, Odoo customizations, Python services, Docker Compose, and OpenTelemetry observability

Tech: Next.js, React, Tailwind CSS, Flutter, Firebase (FCM/Remote Config), Odoo 18, Python (Odoo), FastAPI, PostgreSQL + pgvector, Redis, OpenTelemetry, Docker Compose

Links: [App Store \(Instructor — VANTIS Lead\)](#) · [App Store \(Learner — VANTIS Learner\)](#)

mcp-odoo — MCP Server for Odoo

github.com/tuanle96/mcp-odoo

Open-source • 253★ / 116 forks (as of Jan 2026)

Open-source MCP server enabling AI assistants to interact with Odoo via XML-RPC.

- Problem: make Odoo models/records safely accessible to AI assistants and developer tools
- Solution: URI-style resources for models/records/search with safe stateless operations
- Developer experience: flexible config (file/env), Docker support, and clear resource boundaries

Tech: Python, Odoo, MCP, XML-RPC, Docker

UniSave — Your Internet, Organized

unisave.io/

MVP release: Jan 2026

Bookmark-and-knowledge organizer focused on fast capture and instant retrieval across web, mobile, and browser extension.

- Problem: scattered personal knowledge/bookmarks across devices and tools
- Solution: Rust (Axum) API + Next.js web app + Flutter mobile + Chrome extension for universal capture
- Backend focus: search-ready data model, caching where useful, and reliable content ingestion

Tech: Rust (Axum), PostgreSQL (Diesel), Redis, AWS S3, Next.js, React, Flutter, TypeScript

ZeroLink — Firebase Dynamic Links Alternative

Internal use (not publicly announced)

A deep-link routing platform designed for teams migrating off Firebase Dynamic Links. Backend is NestJS + Prisma, with Redis/BullMQ for caching and background jobs. Provides context-aware routing (iOS/Android/Desktop), graceful fallbacks, and a developer-friendly SDK.

Tech: NestJS, Prisma, Redis, BullMQ, Next.js, React, Tailwind CSS, Sentry

EDUCATION

Graduate Certificate in Software Engineer

2014 - 2018

Cantho University of Technology

- Graduate Certificate in Software Engineer

AWARDS

- **THE IT WIZARD** — Voltrans Logistics (2022)
- **Outstanding Performer** — Voltrans Logistics (2023)