

Do Vuong Quoc Thinh

Full-Stack Developer | Odoo Specialist

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SUMMARY

Odoo ERP developer specializing in HR & logistics systems (Odoo 14–19) and AI integration (RAG, LLM tool-calling, semantic search). Builds production systems with FastAPI middleware, PostgreSQL/pgvector, and a test-driven workflow — 600+ automated tests on the current HR suite. IELTS 6.0; based in Ho Chi Minh City (GMT+7).

SKILLS

Odoo 14–19 · Python · FastAPI · PostgreSQL · pgvector · RAG / LLM tool-calling · Anthropic API · OpenAI API · React + Vite (PWA) · XML-RPC · Docker · Linux · Zalo OA API · Firebase (FCM)

WORK EXPERIENCE

Odoo Developer — DHL Express (Vietnam), Ho Chi Minh City Jun 2026 – Present

- Build and maintain a custom HR suite on Odoo 19 covering employee lifecycle, contracts, allowances, attendance, and document workflows
- Built a two-way Zalo Official Account integration bridging customer/employee chats into Odoo Discuss (messages, groups, webhooks)
- Grew and maintain a 600+ automated-test suite; test-driven workflow for every feature
- Own deployment on Docker-based environments, including debugging and data-migration scripts

Full-stack Developer — Bestmix Corporation, Ho Chi Minh City Jun 2025 – Jun 2026

- Designed a FastAPI proxy middleware in front of Odoo 18 (XML-RPC, connection pooling, async) powering a mobile-first HR PWA for 500+ field employees
- Built the React + Vite PWA: geolocation check-in/out, leave request/approval flows, employee profile sync, with strict role-based data scoping
- Developed a fleet GPS tracking module integrating ADSUN hardware APIs: hybrid storage to prevent database bloat, Leaflet real-time map, automated traffic-violation checks
- Introduced property-based testing (hypothesis) to verify attendance and leave-state invariants

- Developed the Odoo backend for a cross-platform mall-management mobile app (Android/iOS)
- Built RESTful APIs for leasing approval workflows and integrated Firebase Cloud Messaging push notifications
- Implemented interactive mall floor-plan visualization backed by real-time data

PROJECTS

Chatbox AI — LLM Assistant for Odoo 19

149 automated tests

A personal R&D project: an AI assistant living inside Odoo Discuss that answers natural-language questions about live ERP data — and only the data the asking user is allowed to see.

Tech: Odoo 19, Python, PostgreSQL + pgvector, OpenAI embeddings, Anthropic API, DeepSeek, RAG, Docker

HR Management Suite on Odoo 19 (DHL Express)

600+ automated tests

A custom HR suite for a logistics workforce, built and maintained as the core internal HR platform.

Tech: Odoo 19, Python, PostgreSQL, Docker, QWeb reports

Zalo OA ↔ Odoo Discuss Integration (DHL Express)

2-way chat, groups & webhooks

Zalo is where Vietnamese customers chat; Odoo is where the data lives. This integration puts both in one place.

Tech: Odoo 19, Python, Zalo OA API, Webhooks, Odoo Discuss

Bestmix-Pro — Mobile HR PWA

Mobile-first HR PWA (React + Vite) for 500+ field employees, backed by a FastAPI proxy middleware to Odoo 18: geolocation check-in/out, leave workflows, role-based data scoping, and property-based testing with hypothesis.

ZCC — FastAPI Integration Services

A FastAPI service layer in a uv-workspace monorepo: REST APIs, Pydantic models, background workers and pollers, and an httpx + pytest test suite — the integration backbone between internal systems.

EDUCATION & CERTIFICATIONS

Bachelor of Computer Science — Ho Chi Minh City University of Science (HCMUS)

2019 - 2024

- Focus: Software Engineering & ERP systems

IELTS Academic 6.0 — Jan 2024