

Giao Le Xuan

Software Engineer · Hanoi, Vietnam · Open to remote

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SUMMARY

Backend engineer focused on search, retrieval, and the systems behind LLM agents. I like owning things end-to-end, from architecture to production, and I build Phileas, an open-source memory layer for LLM agents, in the open.

EXPERIENCE

Software Developer · Qikify — Hanoi

Jun 2025 – Present

- Designed, built, and shipped **Bridz** end-to-end — a multi-tenant customer-feedback platform (Laravel + Vue) replacing **Canny** across Qikify, Teeinblue, and Koin (~3,000+ engaged users).
- Built its **core platform features**: a vote-velocity trending algorithm, Brevo-backed notifications, and SSE-based real-time task streaming over Redis BLPOP.
- Built a centralized **Typesense search service** indexing ~2–3M entities — owned the indexing pipeline and query/filter design.
- Built a generic **soft-delete / restore layer** across nearly all customer-facing models, eliminating accidental-deletion data loss.
- Implemented **rate limiting** on Shopify-storefront endpoints, using encrypted-header anonymous identity to harden anti-abuse.

Backend Developer Intern · PIP Vietnam Technology

Nov 2024 – Jan 2025

- Built and maintained backend services in **ExpressJS / TypeScript / MongoDB**.
- Designed REST APIs from product requirements.

PROJECTS

Phileas — Open-source local-first long-term memory for LLM agents

Python · MCP · MIT · github.com/alexajuno/phileas

- Local-first memory layer that any LLM reads and writes over **MCP**, so context survives across sessions and tools instead of resetting each conversation.
- Model-agnostic hybrid retrieval over BM25, semantic vectors, and knowledge-graph search, re-ranked with a local cross-encoder; runs on-device with no external API key.
- Designed and shipped **solo, end-to-end** — retrieval engine, MCP server, ingestion pipeline, and CLI — published to PyPI under MIT.
- Used daily as my own working memory.

EDUCATION

Bachelor of Computer Science — Hanoi University of Science and Technology Oct 2021 – Sep 2025

SKILLS

- **Languages**: PHP, Python, JavaScript/TypeScript, SQL
- **Frameworks**: Laravel, Vue
- **Data & search**: PostgreSQL, Redis, Typesense; vector and graph stores
- **LLM systems**: MCP, hybrid retrieval, embeddings and reranking
- **Infra**: Docker, Linux, CI/CD, Cloudflare

LANGUAGES

- **Vietnamese** — Native
- **English** — Working proficiency