

LE QUOC ANH

AI Engineer

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SUMMARY

Early-career AI Engineer building agentic systems, multi-agent workflows, developer tools, and backend APIs. Project experience spans TypeScript, Rust, Python/FastAPI, event-driven orchestration, MCP integrations, and local-first software, with an emphasis on explicit authority boundaries and verifiable results.

KEY PROJECTS

Astra | Supervised Multi-Agent Orchestration

2026 – Present

Open-Source Fork — TypeScript / Effect / React — Repo: github.com/ReinaMacCredy/astra

- Extended the upstream T3 Code agent-control surface with plugin-backed Supervised rooms for coordinating Lead, Peer, and Supervisor roles across multiple coding-agent providers.
- Implemented event-sourced room lifecycles, authenticated MCP communication and control planes, dynamic seat creation, provider-bound role instructions, and live room projections.
- Enforced runtime authority boundaries for read-only roles and a single write-capable seat, with server and integration tests covering provider binding and failure paths.

Maestro | Local-First Harness for Agent-Built Codebases

2025 – Present

Personal Open-Source Project — Rust CLI — Repo: github.com/ReinaMacCredy/maestro

- Built a single-binary Rust harness that gives coding agents a durable, repository-local task system, state store, and auditable work history without a daemon or cloud service.
- Designed card and task lifecycles with dependency-aware readiness, ownership, decisions, handoffs, and cross-agent coordination across coding sessions.
- Added proof and QA gates so completed work is backed by acceptance evidence, reviewable artifacts, and explicit verification before closure.

Multi-Instance MetaTrader 5 Trading API

2025

Team Project — Backend & API Engineering — Repo: github.com/CFP-TRADING-TEAM/trading_services

- Built FastAPI backend services for API-driven trading operations across multiple MetaTrader 5 accounts with asynchronous connection handling.
- Implemented account and session management, order and position flows, and consistent API behavior across MT5 instances.
- Maintained Pydantic models and OpenAPI/Swagger documentation for API testing and external TypeScript integration.

EDUCATION

Ho Chi Minh City University of Technology

2022 – 2026

Major: Computer Science

Ho Chi Minh City, Viet Nam

Relevant coursework: Data Structures & Algorithms, Machine Learning, Probability & Statistics, Databases, Operating Systems

SKILLS

Languages: Python, TypeScript, JavaScript, Rust, SQL, Swift

AI & Agent Systems: AI agents, multi-agent orchestration, MCP, LLM workflows, context engineering, Claude Code, Codex

Backend & Infrastructure: FastAPI, REST/OpenAPI, PostgreSQL, Docker, Linux, AWS

Engineering: Git, GitHub Actions, test-driven development, agentic workflows, local-first systems

Languages Spoken: Vietnamese; English for technical documentation and distributed-team communication

INTERESTS

Agentic systems, AI developer tooling, local-first software, backend engineering, and reliable human-controlled automation.