

FERNANDO LEANO

SOFTWARE & AI ENGINEER · ORLANDO, FL

fernando@zuralog.com · zuralog.com · github.com/FernandoLeano · linkedin.com/in/fernandoleano

SUMMARY

Software and AI engineer with five years of production experience building and operating the Rails platform behind a national health insurance field marketing organization, and founder of a consumer health AI product shipped to the App Store and Google Play. Builds retrieval and agent systems end to end — model orchestration, vector search, and the CI/CD pipelines that deploy them.

EXPERIENCE
2021–Present
Orlando, FL

Health Plan Markets

FULL-STACK DEVELOPER

- Own engineering and operations for HQ, a Ruby on Rails platform spanning roughly 247 routes and serving the agent network of a health insurance field marketing organization.
- Led Project Isidore, an internal AI agent giving natural-language access to company data: Claude Sonnet with Opus fallback, Vanna.ai text-to-SQL, pgvector retrieval on Postgres, FastAPI backend, deployed via Docker and Kamal on DigitalOcean.
- Automated carrier selling-permission provisioning by reverse-engineering Connecture's authenticated API, replacing a manual per-agent process with an ActiveJob integration in contract creation.
- Built and maintain CI/CD: GitHub Actions running tests, linting, static security analysis, and dependency vulnerability scanning on every PR, with zero-downtime container deploys via Docker and Kamal.
- Raised Lighthouse scores on hq.askhpm.com from a 55-75 baseline to 100 by eliminating unused JavaScript and CSS, reducing server response time, and resolving layout reflow.
- Built Client Retention Radar, a FastAPI microservice surfacing at-risk book-of-business accounts in the agent portal.
- Documented the platform's full API surface as a standalone research initiative, reducing single-engineer dependency on a codebase with one maintainer.

2026–Present
Orlando, FL

ZuraLog LLC

FOUNDER & CHIEF EXECUTIVE OFFICER

- Co-founded and shipped Zura, a personal health AI agent, to the Apple App Store and Google Play, live in the US and Canada.
- Architected an MCP-first backend in FastAPI with Postgres, Pinecone vector memory, and Celery/Redis job orchestration, supporting WebSocket streaming chat.
- Built the Flutter mobile client with native HealthKit and Health Connect platform channels for on-device health data access.
- Integrated 48 third-party health and lifestyle applications into a single conversational interface.
- Established the release pipeline across three deploy targets — backend to Railway, Flutter builds to App Store Connect and Google Play Console — gated by automated tests, linting, dependency vulnerability scanning, and prompt-injection tests against the agent's tool-calling surface.
- Cleared Apple and Google Play health-data review, including Google Play's January 2026 Health Connect enforcement requiring per-permission feature justification.
- Established company operations end to end — LLC, EIN, D-U-N-S, banking, developer accounts — and opened a Philippines-based internship pipeline via university MOA.

PROJECTS

Zura — Personal health AI agent. Flutter, FastAPI, Postgres, Pinecone, MCP.

zuralog.com · App Store · Google Play

Project Isidore — Internal text-to-SQL and RAG agent for insurance operations. FastAPI, pgvector, Vanna.ai, Kamal.Private — available on request

Supabase Platform Security Audit — Full review of a course platform: storage exposure, authentication gaps, over-permissive database functions, and input validation. Delivered a prioritized remediation report.

Client engagement — details on request

SKILLS

LANGUAGES	Ruby, Python, Dart, TypeScript, SQL
FRAMEWORKS	Rails, FastAPI, Flutter, Next.js, Celery
AI ENGINEERING	RAG architecture, agent orchestration, Model Context Protocol, text-to-SQL (Vanna.ai), embedding pipelines (Voyage AI), model routing and fallback, prompt-injection testing
MODELS	Claude (Sonnet/Opus), OpenRouter, Kimi
DATA	PostgreSQL, Supabase, pgvector, Pinecone, Redis, DuckDB
CI/CD & DEVOPS	GitHub Actions, Docker, Kamal, zero-downtime deploys, automated testing, static analysis, dependency vulnerability scanning, DigitalOcean, Railway, nginx
MOBILE	HealthKit, Health Connect, RevenueCat, App Store Connect, Google Play Console
AUTOMATION	UiPath, Zoho CRM/Desk/Flow/Analytics, Softr, Airtable

CERTIFICATION

UiPath Agentic Automation Developer Associate 2025

EDUCATION

Orlando Science Middle High Charter Orlando, FL · 2018–2022