

Hendril Muinarczyki Lara

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AI Engineer · Governed Agentic Systems for Banks

Open to remote work and to relocation, including abroad.

SUMMARY

AI engineer building the systems that let banks and other regulated enterprises adopt AI-driven software delivery without giving up control: agent fleets do the engineering; policies, review gates, and audit trails keep every change governed and verifiable. Co-founder of Lucentive and product owner of IAS, where a three-engineer team shipped **16 products in six months**, every change gated and auditable. Before engineering, led customer-success operations to **95%+ client retention**. Fluent English.

CORE SKILLS

AI architecture: Multi-agent orchestration · Context engineering · Tool calling · MCP integration

Model adaptation: LLM fine-tuning with LoRA / QLoRA (personal projects)

Evaluation & LLMops: LLM-as-judge · Regression evals · Provider failover · Token telemetry

Security & delivery: Scoped agent permissions · Human-in-the-loop · Audit trails · CI/CD

Engineering: TypeScript · Python · Node.js · React / Next.js · SQL / PostgreSQL

EXPERIENCE

Co-founder & AI Engineer · Lucentive

Feb 2026 – present · Remote

Co-founded Lucentive and built IAS, its flagship product: **a platform that lets banks and regulated enterprises adopt AI-driven software delivery without losing control of their change process**. Fleets of AI agents turn business intent into production software: policies constrain what agents may do, gates protect production, every run leaves a full audit trail. Product owner; 16-app TypeScript monorepo (~200K LOC).

- **Multiplied a three-person team into enterprise-scale delivery:** built and operated the agent-fleet workflows behind 16 products in seven months, personally accountable for ~40% of all merges (**1,899 PRs**).
- **Made every production change carry tamper-evident proof it was tested:** cryptographically signed CI receipts, independently re-verified at merge; feedback cut from **26 minutes to 1 minute**, at zero hosted-CI cost.
- **Brought the four-eyes principle to AI-written code:** co-built the gate where two independent model families must approve the exact commit. **1,750+ PRs cleared**, 358 escalated to humans; built its autonomous runner.
- **Brought the company's entire work record in-house**, off a third-party SaaS: every action, human or agent, attributed and auditable. Built Lucentive Tickets (Next.js); eight-week cutover, **2,870 issues, zero lost**.
- **Proved agent-driven delivery holds up:** built the measurement showing only **4 of 1,934 shipped changes** needed a follow-up fix, and eliminated a silent failure that had mis-closed 124 tickets.
- **Opened a live multi-tenant product to outside AI agents without compromising it:** built ALMA's security gateway solo, with machine identity, signed requests, scoped permissions, and rate limits (**14.6K lines**).

Systems Developer · Freelance

Apr 2024 – Jan 2026 · Porto Alegre

- **Freed small-business owners from manual back-office routines:** replaced spreadsheet workflows with LLM-powered reporting and client communication.

Pedagogical Coordinator · Centro Profissionalizante Ennet

Sep 2023 – Apr 2024

- **Established a new school network's retention operation from zero:** playbook, online teaching library, and on-site training for the Belo Horizonte team.

Pedagogical Coordinator · Enjoy Inglês Profissionalizante

Jan 2021 – Feb 2023

- **Protected the school's revenue base with almost no tooling:** automations built from just SQL and spreadsheets lifted retention to **95% in 2021 and 96% in 2022**.
- **Built an enrollment engine:** a program that brought in **100+ enrollments** and was adopted across the network.

Instructor (English, IT & Digital Marketing) · Enjoy Inglês Profissionalizante

Oct 2020 – Jan 2021

- Fastest instructor promoted to coordinator in the network's history.

Early career · Polo Marista de Formação Tecnológica

- Junior front-end developer (apprenticeship, 2015–16); volunteer in computer maintenance and educational projects (2016–17).

SELECTED PROJECTS

Listener: no idea lost between thought and shipped work. An always-on WhatsApp pipeline turns voice notes into specs and agent-executed issues; **179 notes** processed since June 2026. TypeScript · whisper.cpp · Baileys · launchd.

maestro: one person running a three-vendor AI team. Claude plans, Gemini builds the frontend, Codex builds the backend and supervises; an 8-point rubric decides what auto-merges and what is redispached with fix instructions. Node.js · Git worktrees · gh.

Voice-controlled dev harness: full development from a phone. Speak a task, watch agents stream progress live, get targeted screenshots back; a **4K-line** TypeScript Telegram → Claude Code bridge with a task queue. grammy · SQLite FTS5 · Playwright.

jambro-jam: two people, one screen, never out of sync. A private room for synchronized YouTube with shared queue and chat; lease-based playback state, race-tested at the database level. Next.js · Supabase · pgTAP · Playwright.

t3code (open source): authored a **2K-line** find-in-chat feature for t3code, a desktop GUI for coding agents (CSS Custom Highlight API, O(1) offset→node mapping), and carried it through maintainer review. Effect-TS · Electron.

EDUCATION

BA, English Language and Literature · Uniasselvi (5th semester, on hold)

Informatics with emphasis in Robotics · Polo Marista de Formação Tecnológica, 2014–2015

LANGUAGES

Portuguese (native) · English (fluent)