

Luis Samaniego

Software Engineer · AI-driven engineering workflows · Go, Python, cloud

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Summary

I'm a software engineer in Querétaro, Mexico, with ten years delivering production systems at Triara — a company-wide identity platform and a multicloud billing portal among them. Since 2024 I've built 50+ projects with AI agents, and turned what I learned into a method: specs before code, recorded decisions, verifiable steps. Pitwall, my upcoming open-source project, runs that method end to end.

Experience

Triara

Querétaro, Mexico

Senior Implementation Engineer

Nov 2022 – Present

Junior Implementation Engineer

Aug 2016 – Nov 2022

Multicloud billing portal — Microservice architecture with ETL across cloud providers, observability and CI.
microservices · ETL: Azure / GCP / Huawei · observability · CI

Keycloak identity platform — Became the company standard for regulated applications across several countries.
Keycloak · identity · regulated apps

Time tracking system — Proposed and built a system that automated project tracking, resource planning and weekly progress reports for management; in daily use for years.
internal tooling

Team knowledge base — Spotted a knowledge-transfer gap, chose the tool, set the structure and trained the team; it became the team's reference.
docs · knowledge

Projects

Pitwall — A self-hosted control room that drives headless Claude Code agents through a deterministic pipeline, with every step visible from one web UI.
108 ADRs · 20 milestones · 482 commits

GovTalks Summary · 2024 — Scrapes Mexico's daily government press conferences and turns them into multi-level AI summaries, with RAG chat and semantic search over the archive.

LevelCast · 2026 — From a topic to level-adapted scripts, narration, thumbnails and finished videos for YouTube.

LIA · 2026 — A personal agent over Telegram, by text or voice, that acts on home and infrastructure. The LLM only picks curated tools; code does the work.

Skills

Deep: Python · Go · PostgreSQL · Keycloak / OAuth2 / OIDC / SAML · Docker · CI/CD · microservices · cloud cost data (Azure, GCP, Huawei)

Strong: TypeScript + React · Flutter / Dart · FastAPI · Wails desktop apps · SQLite · LLM APIs (OpenAI, Anthropic, Gemini, DeepSeek) · RAG and embeddings · MCP servers · Pydantic AI · Cloud Run

Working: Svelte · Next.js · Astro · ESP32 / LVGL firmware · Godot · FFmpeg pipelines · Proxmox · Dokploy

Education

BSc. Computer Science — Universidad Autónoma de Sinaloa

Certifications

FinOps Certified: FinOps for AI

FinOps Foundation · Mar 2026 – Mar 2028

<https://verify.skilljar.com/c/yq374539bxe7>

Languages

Spanish — Native

English — Professional working proficiency