Roger Oria



Product Builder · AI Engineer / ML enthusiast

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GitHub is my lab: working code, not claims.

SUMMARY

Aspiring Tech Founder building AI products end to end, from model to production. I build Polygrow, an AI-native business OS for solopreneurs. As a sole engineer I ship agent systems with LangGraph, ML training with PyTorch and RL, and full-stack products with Next.js. Open to AI Engineer roles, especially agent systems, and to Product Builder roles for AI tools.

EXPERIENCE

Tones Platform — Tones by Salome, UK startup Oct 2025 – Mar 2026

Sole Developer — built the entire platform, all code, end to end.

- Built an AI-powered creative freelance marketplace for the UK: creatives showcase portfolios, clients discover and hire them through natural-language search and profile vectorization.
- Shipped dual onboarding for creatives and clients, rich profiles and portfolios, real-time chat, and event discovery.
- Implemented secure escrow-based payments with Stripe Connect.
- Stack: Next.js 16, React 19, TypeScript, Supabase (PostgreSQL, Realtime, Storage).

SELECTED PROJECTS

Polygrow — Flagship, in active development. Details on request. (Private)

SocialClubs — Private-community platform for clubs: membership, events, RAG-grounded FAQ and AI digests. My largest Next.js product.

DeepBooks — Immersive reading platform with real pgvector RAG: ask the book you are reading, grounded in its own text.

Poetry AI — Spanish emotional dedications: an Emotion Engine loop — intent, generation, critic, format — on the Vercel AI SDK, with budgets, evals and refunds.

EDUCATION

Self-taught engineer. Hundreds of hours studying and building, learning by shipping real products: I study a problem, build the smallest working version, and deepen the theory where the product breaks.

How I learn, in projects: **Petai** (AI companion: deterministic systems vs. AI decisions) · **Rustenwer** (LangGraph agents and evaluation) · **Agentropy** (agent observability) · **Shield AI** (evidence-based security findings) · **Reverse Lab** (evidence-grounded investigation).

Computer Engineering, 2024–2027 (in progress), Universidad Máximo Gómez Báez, Cuba.

CORE STACK & LANGUAGES

LangGraph, LangChain, Vercel AI SDK, RAG pipelines, agent evals · PyTorch, LoRA / QLoRA with Unsloth, RL (PPO / MAPPO) · Rust · Next.js, React, FastAPI, Supabase, PostgreSQL, Redis.

Languages: Spanish Native, English B2.