

Anthony B. Tedesco

Self-taught founding engineer · Three companies founded or co-founded as the only or primary engineer · CTO, President & Director of Verified Fishing, Inc.

Open to remote: Senior / Founding Engineer · Fractional CTO · AI Application Engineer — Full-time or contract · US-hours compatible · Currently based in LA, returning to Punta Arenas, Chile

anthonybtedesco@gmail.com (562) 576-3892 mattrickslauer.com github.com/mattrickslauer github.com/AGFarms

SUMMARY

Self-taught founder-engineer. Five years shipping in public — no employer between high school and now, no CS degree, three companies founded or co-founded. Founded **Roley** solo to paying users; co-founded **AGFarms** 50/50 with Gianangelo Dichio; spun **Verified Fishing, Inc.** out of AGFarms as a Delaware C-Corp and am **currently raising a \$750K F&F SAFE at a \$5M post-money cap**. Own the whole stack alone: real-time distributed systems, applied CV, on-chain provenance, one-codebase mobile (Expo / RN / Web), and the production Kubernetes under all of it. Build operator-first — the dense control surfaces captains, instructors, and traders actually use, not the marketing chrome around them.

EXPERIENCE

CTO, President & Director · Verified Fishing, Inc. (DerbyFish · Kala™) Apr 2026 – Present

Delaware C-Corp spun out of AGFarms · co-founder Gianangelo Dichio · [derby.fish](#) · [kala.fish](#)

- **Currently raising a \$750K F&F SAFE at a \$5M post-money cap**; incorporated the Delaware C-Corp and structured the spinout from AGFarms.
- Shipped **iOS, Android, and web from a single Expo / React Native / Next.js codebase**: live outings, real-time leaderboards, AWS-IVS livestreaming, AI catch verification, on-chain Fish Cards on Flow, Stripe Connect prize payouts — the kind of surface that usually needs a team.
- Designed the **BHRV** evidence protocol (Bump · Hero · Release · Video) — turns a smartphone catch in the middle of nowhere into a tamper-evident on-chain record. Verification stack pairs AWS Rekognition with Claude Vision against a **419-species classifier**.
- Designed the **BAIT economy**: \$1 per Verified Fishing Hour on Stripe Connect rails, structured to support real prize pools without money-transmitter exposure.
- **Operate production solo** — hand-rolled k3s on Hetzner running every service, host-level Postgres / Dolt / Langfuse. No DevOps hire on the cap table.

Co-founder & Engineering Lead · AGFarms LLC Mid 2024 – Present

Venture studio · 50/50 partnership with Gianangelo Dichio · profitable across multiple production properties without outside capital · [agfarms.dev](#)

- **Nucleus Brain** ([nucleusbrain.com](#)) — self-hostable autonomous-enterprise platform with **native MCP transport, shipped during the first wave of Anthropic's MCP rollout**. FastAPI + FastMCP + Claude Agent SDK + Neo4j knowledge graph, with a working DPO fine-tuning pipeline and Promptfoo evals.
- Lead engineer on the DerbyFish work above and on **Walleye Fest** — Rust / Axum API and Next.js operator dashboards serving a real tournament series.
- Studio properties currently taking real revenue across four distinct verticals: **Happy Swims** (Miami swim-school booking), Patagonia Moto Rentals (Chile tourism marketplace), AGFPay (crypto payment infra), Polyglott (open-source multilingual learning).

Founder & Sole Engineer · Roley Inc. 2023 – 2024

Acting / casting auto-application SaaS · solo-founded, solo-built, reached paying users in production

- Started the company alone and **wrote every line**: messaging backbone, Backstage and Casting Networks scrapers, auth API, dashboard, Python browser-automation driver. Got it to revenue alone before deciding the market wasn't worth the next round of effort.

Co-operator · Interactive Patagonia SpA 2025 – Present

Chilean SpA · tourist transport, motorcycle & e-bike rental, Punta Arenas · built the booking platform and co-run the operation on the ground — bilingual ops and code, in Chilean Spanish, in-country.

SELECTED HACKATHON & PORTFOLIO PROJECTS

- **Toll Road Music** — ETHGlobal Buenos Aires submission. Pay-per-minute music streaming on the x402 protocol with Filecoin storage and Coinbase embedded wallets — the per-minute economics genuinely undercut Spotify's flat-rate plan for casual listeners.
- **PUQ City** — digital-city platform for the city I live in (Punta Arenas, Chile): mobile app with passkey-auth wallets, a city-issued ERC-20 (PUQCoin) and CitizenshipNFT on Hardhat-deployed Solidity, Uniswap V4 pricing, Mapbox geography, and **dual fiat (Getnet) + crypto checkout** — the rails a small-city marketplace would actually need.

SKILLS

Languages	TypeScript, Python, SQL (PostgreSQL / PostGIS / TimescaleDB), Rust, Go, Solidity, Bash
Frontend	React 19, Next.js 15, React Native (Expo SDK 54), Tailwind v4, Radix, Mapbox GL, D3, Three.js / R3F, TanStack Query, Vitest, Playwright
Backend & data	FastAPI, Express, Axum (Rust); Supabase + Edge Functions + Realtime; WebSockets; dbt medallion pipelines, Dagster; Neo4j; Dolt
AI & ML	Claude Agent SDK · Anthropic / OpenAI SDKs · MCP transport (FastMCP) · AWS Rekognition · AWS IVS · AssemblyAI · DPO training · Langfuse · Promptfoo evals
Web3	Flow (Cadence) · @onflow/fcl · Solidity / Hardhat · x402 · Coinbase embedded wallet · Dynamic Labs · Uniswap V4 SDK · Filecoin
Infra & DevOps	k3s on Hetzner · Docker / Kustomize · GitHub Actions · nginx · Linux · Stripe Connect · Delaware C-Corp governance & SAFE-round mechanics

Education: no formal CS degree — five years shipping in public against primary sources: papers, RFCs, source code, Kerrisk's *The Linux Programming Interface* (cover-to-cover with exercises and C programs against the syscall surface), and Harvard / MIT / Stanford lectures. Full git trail across mattrickslauer, AGFarms, and Roley-Me available as the verifiable credential. **Languages:** English (native), Spanish (fluent — lives in Chile), Russian (fluent).