

Damián Otero Morales

AI ENGINEER

Chile

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SUMMARY

Spanish (EU) citizen based in Chile — UTC-4, full overlap with US business hours. Self-taught AI engineer building and operating complete products in production: a live marketplace (Next.js + Supabase), shipped mobile and Wear OS apps, and AI agents and automations for SMBs. AI-assisted development (Claude Code) backed by engineering practice: systematic debugging, structured audits, verified deploys. Currently building an LLM service with semantic search, agent tool use, and a CI-gated eval suite. Available for remote contracts from Q4 2026.

WORK EXPERIENCE

Independent AI Engineer — Self-employed 2025 – Present

Remote

- Built and operate HornyGorilla, a production marketplace for used skydiving gear, on Next.js 16 (App Router), TypeScript, Supabase (Postgres, RLS, Auth, Realtime), and Vercel.
- Its main features, all live: a third-party rigger inspection flow ("Rigger Verified"), a multi-party canopy swap matcher (nightly depth-first search job over open offers), and a content pipeline with 15 published articles.
- Operate it end to end: monitoring, analytics, and incident response. Example: traced a serverless-only runtime failure on Vercel (ERR_REQUIRE_ESM) that passed every local build, and fixed it at import time.
- Design and deliver AI agents and automations for SMBs, such as WhatsApp lead qualification for real estate (Claude & Gemini APIs, Make.com/n8n), productized in three phases: audit, build, and maintenance.
- Co-founder of Fronterra (real-estate company, Chile, 2026): built and run its web presence and automated client-communication layer.
- Shipped Rupū Sur, a hiking app for southern Chile: Flutter + Supabase, GPS navigation, offline maps, AI flora/fauna identification, 179-route catalog.
- Built two Wear OS apps in Kotlin + Jetpack Compose: FallTrace (a real-time skydiving altimeter and GPS tracker whose Kotlin Multiplatform domain module compiles to a Swift-consumable framework) and Metronome Watch.

Career break — extended travel 2019 – 2025

- Started the break with intensive, mentored Java training (2019–2020): built and published crypto-portfolio on GitHub (Spring, Spring Security, MySQL, unit tests, Travis CI, deployed on AWS EC2).
github.com/damianotero/crypto-portfolio
- Returned to software in 2025 through AI-assisted development, building and shipping the products above.

Web Content Administrator — Impextrom S.L. Oct 2013 – Jul 2019

Vigo, Spain

- Managed and designed the Impextrom.com e-commerce site; web design for several side projects (Yolodoor, Ivisat.com, Yoloreparo.com).
- Photography, video, and visual content for web and marketing campaigns (After Effects, Premiere, DaVinci Resolve, Cinema 4D).

Technical Assistant — Bosch Service Solutions Feb 2007 – Sep 2010

Vigo, Spain

- Technical support for VoIP and ISP services for SMBs; installation, configuration, and remote troubleshooting of network services.

IT Technician — SISCOM S.L. Sep 2005 – Jan 2007

Vigo, Spain

- Administration and maintenance of computers, networks, and servers for small businesses.

SELECTED PROJECTS

HornyGorilla — Skydiving Gear Marketplace (live in production)

Next.js 16 · TypeScript · Supabase (Postgres, RLS, Auth, Realtime) · Vercel

Trust layer for used-gear sales via opt-in rigger inspection, plus a swap market that matches 3–4-way canopy trade chains. Live site linked at damianotero.com.

Rupü Sur — Hiking App for Southern Chile

Flutter · Dart · Supabase · OpenStreetMap · PlantNet API

179 routes, real-time GPS, offline maps, AI species identification. Feature-complete; Google Play publication pending.

github.com/damianotero/rupu-sur

FallTrace — Skydiving Altimeter for Wear OS

Kotlin · Jetpack Compose · Kotlin Multiplatform · Wearable Data Layer

Real-time barometric altimeter and GPS track logger with a companion Android app; the KMP domain module targets a native iOS/watchOS port.

Currently building (Jul–Oct 2026): gearmatch, semantic search and a publishing agent over marketplace listings (FastAPI, pgvector embeddings, CI-gated eval suite, Langfuse observability); and dropzone-mcp, a public MCP server for skydiving weather conditions. Progress at damianotero.com.

SKILLS

AI & LLM apps: Claude API (Anthropic), Gemini API, agent & tool-use design, prompt engineering, Make.com, n8n

Web: TypeScript, Next.js (App Router), React, Supabase (Postgres, RLS, Auth, Realtime), Vercel, Cloudflare Pages

Mobile & wearables: Flutter, Dart, Kotlin, Jetpack Compose (Wear OS), Kotlin Multiplatform

Tools & practice: Claude Code, Git/GitHub, GitHub Actions, Python (scripting), PostHog, Google Analytics

Previously: Java, Spring, MySQL, AWS EC2

EDUCATION

AI engineering — project-based training 2025 – present

LLM APIs, agent design, full-stack product delivery

Intensive Java training, mentored 2019 – 2020

Final project: crypto-portfolio (github.com/damianotero/crypto-portfolio) — Spring, MySQL, tests, CI

Certificate of Higher Education (HNC) — Computer and Electronics 2003 – 2005

CPR Daniel Castelao, Vigo

LANGUAGES

Spanish — Native | English — Professional working proficiency | Portuguese — Basic