

Facundo Tenuta

Software Engineer — AI Products

Remote · Available now

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6+ years shipping software that real people use every day — AI products, web platforms, mobile apps and internal systems. I take a product from a conversation to something running in production: scope, architecture, implementation, deployment. Below is the full range of what I can take on, and the work that proves each part of it.

WHAT I CAN BUILD

AI products that survive production

Semantic and hybrid search, retrieval-augmented chat that cites its sources, document processing pipelines, agents and tool calling, multi-model routing across the Anthropic and OpenAI APIs. Not demos — systems with cost control, evaluation and failure handling.

Shipped: A multi-language semantic search engine for a high-traffic marketplace; an AI legal assistant that answers from a firm's own case files, citing the source document.

Full stack web platforms

Complete products end-to-end: React, Next.js and TypeScript on the front; Node.js, NestJS or Laravel on the back, over PostgreSQL. Authentication, payments, background jobs, multi-tenant data isolation, observability and CI/CD included.

Shipped: A telehealth platform with payments, real-time chat and HD video calling; an enterprise system managing public infrastructure contracts for a government directorate.

Cross-platform mobile apps

iOS and Android from one codebase with React Native, Expo and TypeScript, plus Flutter in production. Offline and local-first architectures, encrypted on-device storage, biometrics, native modules, store releases and OTA updates.

Shipped: A public transport app used daily by thousands of people in its city; a nutrition app that identifies a meal from a photograph.

Performance and e-commerce

Slow sites made fast and storefronts that convert: headless architectures over WordPress/WooCommerce or a real backend, Core Web Vitals work, rendering and caching strategy, images and fonts that do not hold the page back, SEO groundwork.

Shipped: A workwear e-commerce rebuilt headless: 90+ Lighthouse and 65% faster page loads than the site it replaced.

Technical leadership and product engineering

Turning a vague idea into a plan someone can build: scoping, architecture decisions, technical roadmaps, code review and delivery practices. I work directly with founders and non-technical clients, and I use Spec-Driven Development to keep AI features honest.

Shipped: Lead developer of an AI product alongside its founder since 2023; architecture owner of a no-code builder with 200+ users.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, PHP, Dart, SQL, HTML, CSS

Frontend: React, Next.js, Angular, Tailwind CSS, Server Components, Accessibility (WCAG)

Mobile: React Native, Expo, Flutter, SQLCipher, Native modules, Store releases & OTA

Backend: Node.js, NestJS, Laravel, REST APIs, GraphQL, Server Actions, WebRTC

AI & Search: Anthropic API, OpenAI API, AI SDK, RAG, Embeddings, Hybrid search, MCP, Agents & tool calling

Data: PostgreSQL, MySQL, SQLite, Supabase, pgvector, Redis, Spanner, BigQuery, Drizzle ORM

Cloud & DevOps: GCP, AWS, Vercel, Docker, Terraform, CI/CD, Git

Practices: Spec-Driven Development, Playwright, Sentry, PostHog, Stripe, Code review

SELECTED WORK

Conseloria AI legal assistant · 2025 - Present

Law firms upload case files and the system makes them searchable in natural language. Lawyers chat with an AI that answers citing the exact source document, routing different models to different tasks. It automates the reading of a case file and collapses searches and analysis that were previously done document by document. Full SaaS: Stripe billing with per-plan limits, background processing, per-user data isolation.

Stack: Next.js, TypeScript, Anthropic API, OpenAI API, AI SDK, Supabase, pgvector, Drizzle ORM, Stripe

Seen Together Privacy-first health app · 2026 - Present

Mobile companion for people living with chronic pelvic pain. Local-first and account-free: health records never leave the device, stored in an AES-256 encrypted SQLite database with keys in the platform Keychain/Keystore and an optional biometric lock. Exports a structured PDF to bring to a medical appointment. Fully bilingual.

Stack: React Native, Expo, TypeScript, SQLite, SQLCipher

ecWebs No-code website builder · 2023 - Present

Visual drag-and-drop builder where 200+ users publish professional sites without writing code, with custom domains and built-in SEO. Led the architecture decisions and built real-time collaboration.

Stack: React, TypeScript, Node.js

FullWork Headless e-commerce · 2024

High-performance storefront for a leading Argentine workwear company: a Next.js frontend over headless WordPress/WooCommerce via GraphQL. 90+ Lighthouse and 65% faster page loads than the site it replaced.

Stack: Next.js, TypeScript, GraphQL, WooCommerce

Mi Bondi — Ushuaia Public transport app · 2023 - 2024

Real-time bus tracking for the city of Ushuaia, used by thousands of people. Migrated the app onto current versions of the stack, modernising a codebase that had fallen years behind, and kept it shipping through the upgrade. An everyday tool for the city.

Stack: React Native, TypeScript

DPOSS Public works system · 2022 - 2023

Enterprise system managing public infrastructure contracts for a government directorate. Automated inflation-indexed price readjustment calculations that used to take weeks and now take hours. In daily use by the directorate.

Stack: React, Laravel, PHP, MySQL

LogMeal AI nutrition app · 2023

Photo-based nutrition tracker: the user photographs a meal, the AI identifies it accurately and computes the nutritional values of the dish. Built the mobile interface, working in a 4-person team spread across 3 time zones.

Stack: React Native, TypeScript

Psicontacto Telehealth platform · 2020 - 2023

Mental health platform connecting therapists and patients across Argentina. Built the payment system handling concurrent transactions reliably, real-time chat, HD video calling and timezone-aware scheduling with automated reminders and conflict resolution.

Stack: React, Laravel, PHP, MySQL, WebRTC

EXPERIENCE

Dempathy Software Engineer — Lead Developer · 05/2023 - Present

Lead the product end-to-end alongside the founder, owning architecture and technical decisions. Built an AI website builder that turns a single chat conversation into a complete site — copy, layout and images — and internal healthcare tools that replaced manual clinical workflows.

Stack: Next.js, React, TypeScript, Tailwind, Node.js, Anthropic API, OpenAI API

Confidential — Spanish tech company (NDA) Software Engineer · 08/2025 - 06/2026

High-traffic consumer marketplace. Built a multi-language semantic search engine with embeddings that replaced keyword-only discovery, a duplicate detection system based on similarity scoring that shrank the manual moderation queue, and a production crawler feeding structured data into the catalog. Shipped features end-to-end in TypeScript on GCP and in Flutter on the mobile app.

Stack: TypeScript, Flutter, Spanner, BigQuery, Terraform, GCP, Spec-Driven Development

Panelsoft Software Engineer · 02/2022 - 03/2024

Delivered cross-platform mobile and web applications for healthcare and government clients, established shared UI/UX and responsive standards across projects, and owned Laravel backend services with Docker-based CI/CD.

Stack: React Native, React, TypeScript, Laravel, Docker, CI/CD

Psicontacto Software Engineer · 09/2020 - 05/2023

Built and scaled a telehealth platform connecting therapists and patients across Argentina: real-time chat, HD video calling, timezone-aware scheduling with automated reminders, and a payment system handling concurrent transactions reliably.

Stack: React, Laravel, PostgreSQL, MySQL, WebRTC

Municipalidad de Ushuaia Software Engineer (Intern) · 01/2020 - 05/2021

Internal systems for municipal government, working to public-sector accessibility and process requirements.

Stack: React, PHP, MySQL

EDUCATION & TEACHING

Bachelor's Degree in Systems (Software Quality) — Universidad Nacional de Tierra del Fuego · 2014 - 2021

University Systems Analyst (intermediate degree) — Universidad Nacional de Tierra del Fuego · 2014 - 2019

Teacher — UNTDF — Frontend Development Diploma · 08/2022 - 12/2022

Assistant → **Professor** — UNTDF — IT Courses for Seniors · 04/2015 - 08/2019

Languages: Spanish — native · English — B2

If any of this is useful to someone you know, forward it — I am happy to talk with no commitment.