

Martín Catalá

Fullstack Developer

martincatala14@gmail.com

bit90s.xyz

Formosa, AR

GitHub bit90s LinkedIn mcatala-dvlp

Fullstack developer with 7+ years across React, React Native, Node, and the infra in between. I've owned products end-to-end enough times that I now think in terms of what to build, not just how. In the AI era I care more about knowing when to move fast than moving fast by default — I read books, I read code, I write code I'm not embarrassed by later. Less interested in being a code factory, more interested in hard problems worth solving well. Currently open to new roles.

WORK

Aerolab

Aug 2025 – Apr 2026 · Remote

Full Stack Engineer at a product agency, owning multiple client projects simultaneously. Worked across the entire stack — React Native mobile apps, Next.js sites, CMS integrations, AWS backends, and CI/CD pipelines. Known for taking sole ownership quickly and surfacing problems before they become expensive.

- Sole developer on MercadoLibre's job leads landing page (Prismic CMS); diagnosed deep tech debt and built a full GitLab CI + Dokku pipeline from scratch, achieving fully automated staging deploys
- Took sole ownership of Renxo (React Native wellness app) within a week: RN development, website, CMS, AWS Amplify backend, and iOS/Android builds
- Replaced untyped REST endpoints (typed as any) with typed GraphQL queries using React Query, improving backend reliability and developer experience
- Migrated Renxo from deep links to universal links on both iOS and Android with no prior experience — fully working on both platforms in under a week
- Investigated rising Sanity bandwidth costs (50% over 100 GB quota in 15 days); advocated for addressing the root cause (>1 GB dev asset downloads per pnpm dev run), then engineered a custom video caching mechanism in Next.js 16 using streaming and tee() that brought consumption well within quota
- Won internal hackathon (2-dev team) building a family task management web app; owned all infra and deployment so the other dev could focus entirely on product — "just push to main and it's live"

WakeUp Labs

Jun 2024 – Jul 2025 · Remote

Full Stack Developer at a web3 engineering company, working on the web2 layer of blockchain products for clients including Optimism. Delivered end-to-end across React frontends, serverless APIs, and PostgreSQL backends. Migrated a Google Sheets database to a properly modelled Postgres schema and built a governance dashboard for Optimism DAO used by stakeholders to track and manage proposals.

- Built an integration pipeline for an endangered species NFT platform: consumed an external client API, triggered NFT minting, updated the database, and surfaced results on the site
- Navigated a heavily over-engineered hexagonal architecture codebase and shipped despite the friction
- Built a DAO governance dashboard for Optimism: public read view + Jira-style in-place editing for admins, using React, TanStack, a dedicated serverless API, and Prisma/Postgres deployed on SST (AWS) — solved a known Prisma-on-Lambda compatibility issue with no AI tooling available
- Migrated a Google Sheets "database" (5 spreadsheets, 30k+ rows) to a properly modelled Postgres schema; version-controlled untracked .gs scripts, built a cron to sync new rows across 5 → 10 tables, and added manual triggers to keep content writers unblocked
- Pushed back on an over-engineered DB schema proposal in favor of a simpler model — overruled, but the concern was documented

Educabot

Jul 2021 – Apr 2024 · Remote

Frontend developer on a Learning Management System for schools. Owned the admin dashboard domain covering teachers, classrooms, and assignments. Learned TypeScript on the job from day one.

- Sole owner of the admin dashboard: all features related to institutions, classrooms, teachers, and assignments came through me
- Worked within a strict Redux-for-everything architecture (including form fields) across a large React + TypeScript codebase

Sooft

Jun 2020 – Apr 2021 · Hybrid

React Native developer on a fan-facing ticketing and payments app for Belgrano de Córdoba, plus a companion gatekeeper app for stadium entry. Briefly stepped up as lead developer after the previous lead resigned.

- Built features across two React Native apps: fan ticketing/payments and a QR-based gatekeeper entry app
- Temporarily led the team after the lead developer resigned

Flexxus

Sep 2019 – Apr 2020 · Hybrid

First professional role. Frontend and backend development on an invoice management web app, working with React on the frontend and a Node/Express API integrated with a Firebird SQL database.

- Built and maintained a React frontend for invoice and document management
- Worked with a Node/Express backend integrated with third-party platforms and a Firebird SQL database

PROJECTS

idww (I Don't Wanna Work) · Author

Mar 2026 – Present

Developer workflow platform that attaches to any repo without leaving a trace — one .gitignore entry is the only footprint. Orchestrates Claude agents end-to-end: picks up GitHub tickets, spawns Claude sessions, tracks progress via MCP tools, and communicates back via Telegram. Started as a way to work away from the keyboard; evolving into an AI dogfooding framework. Built with itself.

- Zero-footprint design: attaches to any existing repo with a single .gitignore entry
- MCP server exposes structured agent lifecycle (start/log/ask/complete/fail) and Telegram communication tools
- Persistent Claude sessions — interrupt, switch context, and resume with full conversation history preserved
- Dogfooding: idww is used to build idww and the site it lives alongside

TypeScript Node.js MCP Claude Fastify PostgreSQL Drizzle Telegram Docker Turbo

SKILLS

Languages

Advanced

TypeScript JavaScript HTML CSS Bash YAML Markdown

Frontend

Advanced

React Next.js React Native React Router Redux RTK Query Astro Tailwind CSS ElectronJS

Backend

Advanced

Node.js Express NestJS Fastify Hono GraphQL RESTful APIs tRPC AWS Serverless MCP Redis

Databases

Intermediate

PostgreSQL MongoDB Prisma Drizzle SQLite

AI & LLMs

Intermediate

Claude Anthropic API LLM Ollama Prompt Engineering MCP AI Agents

Testing

Intermediate

Jest Vitest Puppeteer Playwright Supertest

Tooling

Advanced

Git GitHub GitLab BitBucket Docker Postman CI/CD Vite Turbo Dokku Vercel Heroku SST

Agile Scrum

EDUCATION

UTN Santa Fe / UNNE Resistencia · Coursework, Civil Engineering

2010–2016

LANGUAGES

Spanish

Native

English

Full professional proficiency

INTERESTS

Open Source

contributing, building in public

AI & Automation

AI agents, developer tooling, workflow automation

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