

Nicolás Quiroga | Full Stack Developer

Buenos Aires, Argentina (Remote, UTC-3)

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Full Stack Developer with 3 years building web applications in TypeScript, React, Next.js and Node.js, now delivering paid freelance projects for real clients: a management PWA for a construction company (MVP in client testing), a beat store for a music producer (in development) and a live site for an event-design business. Co-founder and frontend developer of Riderlab, a stage plot editor for live sound teams whose MVP launches between November 2026 and January 2027. Product-minded and security-conscious (Row Level Security, Zod validation, OAuth/JWT), shipping with CI/CD on Vercel and Render. Works AI-first with Claude Code.

Core Competencies

- **Frontend:** TypeScript, React 18/19, Next.js (App Router), Tailwind CSS, React Hook Form, KonvaJS (canvas editors), PWAs, responsive mobile-first UI.
- **Backend & APIs:** Node.js, Express.js, Next.js route handlers, REST APIs, GraphQL, Swagger/OpenAPI, Zod validation.
- **Databases:** PostgreSQL (Supabase, Row Level Security), MongoDB, Redis (caching, TTL expiration).
- **Auth & Security:** Supabase Auth, Google OAuth 2.0, JWT with refresh token rotation, RBAC, rate limiting, CSP/HSTS headers, signed URLs.
- **DevOps & Cloud:** GitHub Actions CI, Docker, Vercel, Render, Supabase, MongoDB Atlas, Upstash, Backblaze B2; Git, GitHub, Bitbucket.
- **AI-assisted development:** agentic coding with Claude Code and OpenCode, including project-level setup (CLAUDE.md, custom skills, CI gates); Vitest, ESLint, TypeScript strict mode.

Professional Experience

- **Zenit DC, construction company** **Remote, Argentina**
Jul 2026-Present
Full Stack Developer (Freelance, paid client project)
 - Sole developer of a mobile-first management PWA that replaces Excel, WhatsApp and paper. MVP delivered and in client testing with real projects loaded. Covers clients, construction projects, budgets, client payments, material and overhead expenses, staff and subcontractor payments, and photo galleries (Next.js 16, React 19, TypeScript, Supabase/PostgreSQL, Tailwind, Vercel).
 - Secured it with Row Level Security on every table, server-side Zod validation on every API route, private photo storage with signed URLs and CSP/HSTS headers; set up GitHub Actions CI (type-check, lint and build).
 - Set up an agentic workflow with Claude Code: a project CLAUDE.md, per-folder docs, and custom skills that scaffold a full CRUD entity (SQL table with RLS, Zod schema, API route, form, list page).
- **Sicilia and Las Chinas VM** **Remote, Argentina**
Aug 2026-Present
Freelance Web Developer (paid client projects)
 - **Sicilia (in development):** beat store and professional site for a music producer (Next.js 16, TypeScript, Payload CMS 3, PostgreSQL, Cloudflare R2, Mercado Pago checkout planned). Designed the architecture and a 7-phase delivery plan, completed the setup phase with GitHub Actions CI, and documented decisions such as moving to Next.js 16 to avoid a critical vulnerability in the only Next.js 15 release compatible with Payload.
 - **Las Chinas VM (live):** portfolio site for an event-design business (React, Vite, Tailwind CSS, Vercel), with a filterable photo gallery and accessible lightbox, WhatsApp and Instagram calls to action, scroll animations, and an image pipeline (sharp) that converts photos to optimized WebP.

- **Own Products and Clients** **Remote, Argentina**
Full Stack Developer (Freelance) *2024-Present*
 - **URL Shortener API**: TypeScript, Express and MongoDB, with JWT refresh token rotation, Redis-cached redirects under 100 ms, geolocation click analytics, rate limiting (Upstash) and Swagger/OpenAPI docs, plus custom slugs, soft delete and automated tests with Vitest.
 - **Niv0Prod**: full stack music platform (React, Node.js, Express, MongoDB) with Google OAuth/JWT and role-based access, an admin CRUD panel, uploads to Backblaze B2 and Docker-based CI/CD on Render and Vercel.
 - Set up a Tienda Nube online store for a small-business client: requirements, quote and delivery.
- **Independent study and personal projects** **Argentina**
Self-taught Developer *2022-2023*
 - Started with tutorials and practice projects in 2022, then moved to building my own full stack applications from 2023, alongside the UTN Full Stack diploma.

Projects

- **Riderlab (co-founder and frontend developer, 2025-present)** (React, TypeScript, Vite, react-konva): a web app for live sound teams to build stage plots and technical riders without the clutter and ads of existing tools, built by a two-person team. MVP launch planned between November 2026 and January 2027; the final UI is being designed with graphic artists.
- Main author of the first editor (Next.js, Konva): selection, multi-drag, resize/rotate, grid snapping, undo/redo and copy/paste with shortcuts, plus rider PDF export (jsPDF) and a canvas performance pass. In the TypeScript rewrite I implemented the editor's typed domain core and wrote 28 of its 39 test files (about 226 Vitest cases).
- Zenit DC and Riderlab live in private repositories; code walkthrough available on request.

Education

- **Universidad Tecnológica Nacional (UTN)** **Argentina**
Full Stack Web Development Diploma (Diplomatura en Desarrollo Web Full Stack) *2023*

Languages

- Spanish (native), English (professional working proficiency; have completed full technical interviews in English).

Availability

- Open to full-time and freelance opportunities, remote or hybrid (Buenos Aires). Available immediately; comfortable working in UTC-3 with overlap for US and European teams.

References

- Leandro Ortega, Riderlab co-founder and mentor (oleito@gmail.com, +54 9 2664 24-0037).
- More references available upon request.