

Francisco Mauricio Ruiz

Computer Engineer · Full-Stack Developer

San Miguel de Tucumán, Argentina · ruizmauricio012@gmail.com

LinkedIn: [linkedin.com/in/ruiz-francisco-mauricio](https://www.linkedin.com/in/ruiz-francisco-mauricio) · GitHub: github.com/mauriz20

Remote, flexible working hours · English: advanced (C1), daily professional use

PROFILE

Computer Engineer (UNT) with 3+ years of experience as a full-stack developer, working remotely for US clients. I build high-traffic web applications with React, Next.js and TypeScript on the frontend, and Django (Python) and Ruby on Rails on the backend, on PostgreSQL, Redis and async processing. Experience designing and integrating REST APIs, deploying to AWS with Docker, CI/CD and test-first development. Daily communication in English with international teams.

EXPERIENCE

Software Engineer – Full-Stack Developer — Tinkun Tech (USA, remote) | Oct. 2023 – Present

- Full-stack development of high-traffic web applications for international clients, embedded in US teams with daily communication in English and agile practices (Scrum): sprints and dailies with the team.
- Frontend development with React, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3 and TailwindCSS, with async state management and REST API consumption.
- Backend with Django (Python) and Ruby on Rails: REST API design, data modeling in PostgreSQL and async processing with Redis and Celery.
- Lay's x FIFA World Cup 2026 global campaign: four microsites on a Django monorepo with subdomain routing, deployed on Render.
- Promotional sites for Doritos 250th and Match Day Pepsi: development, client-facing QA and live program support for several months, under high user concurrency.
- Authentication and security: JWT with access and refresh tokens in HttpOnly cookies, and OAuth integrations with identity providers such as Okta.
- TDD and clean code: unit and integration tests with Vitest and React Testing Library, and end-to-end tests with Playwright and Cypress.
- Deployment to AWS, Heroku and Render with Docker; CI/CD with GitHub Actions and version control with Git and GitFlow (develop, release and hotfix), with peer code reviews.
- Shipped GenAI to production: automated purchase-receipt recognition and validation through the Claude API (Anthropic) to award bonuses in Pepsi promotional programs, live with real users.
- LLM-based moderation and cleanup of user-generated content on promotional sites.
- 3D animation and interaction in the browser with Three.js and GSAP, integrated into React components.
- AI-assisted development as a core practice: Claude (Claude Code) and Codex under Prompt-Driven Development (PDD) and Spec-Driven Development (SDD).

Software Engineer – Full-Stack Developer — Sistelco S.R.L. | Mar. 2023 – Oct. 2023

- Analysis, design and development of internal systems with Java and Spring Boot on the backend, React on the frontend and MySQL.
- REST APIs consumed by the React client, testing, containerization with Docker and on-premise deployment.

SELECTED PROJECTS

MonoGestor — SaaS app for Argentine independent contractors exporting services (personal project)

- TypeScript monorepo: NestJS/Fastify API, React and Vite PWA, and React Native and Expo mobile app.
- PostgreSQL with Prisma, Redis and BullMQ for background jobs, Web Push notifications, and self-hosting with Docker on a Raspberry Pi 5 exposed through Cloudflare Tunnel.

Customer and service management system for an ISP — Final degree project (thesis)

- Web system for an internet service provider: customer and contracted-service administration with a management dashboard. Java and Spring Boot backend, React frontend, MySQL and Docker.

EDUCATION

Computer Engineering — Universidad Nacional de Tucumán (UNT), Faculty of Exact Sciences and Technology, Argentina | 2019 – 2023

LANGUAGES

- Spanish: native.
- English: advanced (C1) — daily professional use, written and in meetings with US teams and clients.

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, TailwindCSS, React Native, Three.js, GSAP

Backend: Django (Python), NestJS, Node.js, Fastify, Java, Spring Boot, Celery, REST APIs, JWT, OAuth (Okta)

Databases: PostgreSQL, MySQL, Prisma, Redis, BullMQ, PostGIS

Infrastructure: AWS, Heroku, Render, Docker, Git, GitFlow, CI/CD with GitHub Actions

Testing: TDD, Vitest, React Testing Library, Playwright, Cypress; unit, integration and end-to-end testing

Data & AI: LLM API integration (Claude / Anthropic), data extraction with vision models, text moderation, web scraping and automation