

Francisco Javier Rodriguez

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Professional Summary

Senior Full Stack Engineer with 8+ years of experience specializing in React and React Native ecosystems. A data-driven professional passionate about building scalable products that deliver tangible value to people's lives. Proven track record of scaling high-traffic Fintech and E-commerce platforms (Mercado Libre, Mercadona Tech) by bridging the gap between engineering and UI/UX. Experienced in mentoring teams and leveraging user insights to craft intuitive, high-impact digital experiences.

Experience

Senior Mobile Developer | Bankingly, Uruguay
Mar 2024 – Present

- **Mobile Modernization (V4 Launch):** Key developer in the migration of the core banking platform to **React Native CLI**. Focused on engineering highly reusable and performant components designed to bridge the gap between legacy requirements and the new system, ensuring full compatibility across a wide range of mobile devices.
- **White-Label Implementation:** Developed flexible UI modules and logic for the company's **white-label SaaS solution**. Optimized the multi-tenant codebase to support seamless brand customization for various financial institutions, maintaining high performance and code stability.
- **Performance & UX Refinement:** Implemented optimized rendering patterns and local caching strategies to enhance the user experience. These modernizations resulted in a **~35% reduction in app startup time**, ensuring a fast and reliable banking experience for users with diverse hardware capabilities.
- **AI Engineering Productivity:** Integrated an advanced development workflow using **Cursor** and **MCPs (Linear/GitHub)** to automate task planning and PR delivery. Established **custom AI rules** to enforce standards in component structure, data modeling, and testing, significantly increasing development velocity and architectural consistency across the squad.

Stack: HTML, TypeScript, React Native, Tailwind CSS, ESLint, Prettier, React Query, i18next, Azure DevOps.

AI Productivity: Cursor (Custom Rules & Commands), MCP (Linear/GitHub integration).

Senior Front End Engineer | Mercadona Tech, Spain
Jun 2023 – Dec 2023

- **Product Engineering:** Owned the end-to-end frontend development of the "In-Store Last Mile" platform, a mission-critical tool used to manage delivery slots and store capacity. Operated as a **Product Engineer**, identifying pain points through data, architecting solutions, and ensuring seamless deployment.
- **Operational Efficiency:** Designed and implemented a bulk-configuration system for store delivery availability. By replacing repetitive manual entries with a streamlined mass-action interface, I reduced the time spent by internal operators on slot configuration by **approx. 60%**.
- **Technical Excellence (TDD):** Developed high-stakes features using **Test-Driven Development (TDD)**, achieving near 100% test coverage for critical business logic. This ensured a "Zero Bug" policy for internal tools that directly impact the final customer's delivery experience.

Stack: HTML, JavaScript, TypeScript, React, Vite, CSS, Redux, ESLint, Prettier, Jest, React Testing Library, Jenkins, Jira.

Senior Front End Developer | Zircon Tech, Uruguay
May 2022 – Jun 2023

- **Product Engineering:** Led the frontend architecture for Notarizer, a blockchain-based private channel enabling remote notarization, proof of ownership, and multi-party agreements. The platform's security and immutability standards were validated through its successful **acquisition and implementation by the Government of Uruguay**.
- **Developer Experience (DX) & Efficiency:** Designed and built a custom CLI tool to standardize project scaffolding and library configurations across the company. This automation reduced new project setup time by **~80% (from 4 hours to <30 mins)** and accelerated developer onboarding by **~40%**, ensuring consistent code quality.

Stack: HTML, JavaScript, TypeScript, React, React Native, Next.js, Tailwind CSS, CSS Modules, Redux, ESLint, Prettier, Jest, React Testing Library, Axios, Netlify, Vercel, Node.JS, Jira.

Lead Front End Developer | Thrive, England
Feb 2021 – May 2022

- **Founding Engineer & Architecture:** Joined as the **first in-house frontend engineer**, taking full ownership of a legacy freelancer codebase. Successfully architected and launched the **V2 platform** using **Next.js**, improving Google Lighthouse performance scores **from ~30 (Poor) to 95+ (Excellent)**.
- **Technical Leadership:** Stepped up to lead the engineering expansion, scaling the squad from **1 to 3 developers**. Defined hiring standards, conducted technical interviews, and established rigorous Code Review protocols, reducing production bugs by **approx. 30%**.
- **Product Strategy & UX:** Identified through analytics that **over 70% of candidates** accessed the platform via mobile on a non-responsive interface. **Championed the Mobile-First redesign**, increasing exam completion rates by **~25%**. Additionally, optimized the B2B dashboard workflow, reducing clients' **time-to-screen candidates by ~20%**.

Stack: HTML, TypeScript, React, Next.js, Styled Components, Redux, ESLint, Husky, Prettier, Jest, React Testing Library, Axios, Netlify, Gitflow, Jira.

Semi-Senior Front End Engineer | Mercado Libre, Argentina

Feb 2020 – Feb 2021

- **High-Scale Engineering:** Developed the core navigation bar used across all non-logged-in ecosystems (Landing Pages, Help Center), serving the platform's **74+ million active users**. Built entirely in **Vanilla JavaScript** to ensure zero-dependency, maximum security, and instant loading.
- **Product Redesign:** Collaborated on the strategic redesign of the Digital Wallet dashboard, optimizing how millions of users visualize their account balance and transaction history, directly improving user clarity and engagement.
- **Performance Optimization:** Identified significant load-time bottlenecks on media-heavy landing pages and proactively implemented **Service Workers**. This initiative reduced load times by **approx. 40% for returning visitors** and improved First Contentful Paint (FCP) by **~1.5s**, boosting conversion rates.

Stack: React, SASS, Node JS, Jest, Enzyme, Webpack, ES Lint, Gitflow, Zeplin, Jira.

Full Stack Developer | Árido Software, Argentina

Feb 2018 – Jan 2020

- **Digital Transformation (P&G):** Engineered a mission-critical data visualization platform for **Procter & Gamble**, replacing error-prone manual Excel workflows. This tool enabled engineering executives across **120 global plants** to make real-time, data-driven decisions.
- **Design System Initiative:** Identified critical UI fragmentation issues across internal teams and **championed the creation of a Core Component Library**. Architected the foundational components using **Storybook** to standardize design patterns and reduce technical debt before transitioning to a new role.

Stack: React, CSS Modules, PowerBI, C#, Windows Server, SQL Server.

Mentorship & Teaching

React & React Native Instructor (Part-time) | Coderhouse, LatAm

Mar 2021 – Present

- Mentored **200+ students** in advanced React and React Native architectures, maintaining a top-tier instructor rating of **4.85/5**.
- Selected by Coderhouse to lead specialized technical training for **Telecom Argentina's** engineering teams.
- Developed comprehensive curricula and industry-standard coding assessments used across Latin America and Spain.

Stack: HTML, JavaScript, React, Next.js, Tailwind CSS, CSS Modules, React Native, Expo, Nativewind, Firebase, Firestore.

Projects

Equinomio | Founding Engineer & Product Lead
Mar 2024 – Oct 2024

- **Product Strategy & Leadership:** Defined the product roadmap and led a cross-functional team (including business experts and auctioneers) to digitize the traditional horse auction process.
- **High-Performance Architecture:** Architected a real-time bidding platform using WebSockets (Socket.io/Firebase), ensuring sub-second latency critical for live auctions.
- **Execution:** Successfully launched the region's first integrated equestrian marketplace, overseeing everything from UX design to cloud deployment and go-to-market strategy.

Stack: JSX, TypeScript, React Native, Expo, Next.js, Vercel, Tailwind, Firebase, Amplitude, React Query, Express.js, ESLint, Prettier, Notion.

[App Store](#) | [Google Play](#)

Uprofy | Founder & Product Engineer
Jan 2023 – Dec 2023

- **End-to-End Ownership:** Conceptualized, designed, and engineered a two-sided marketplace from scratch, managing the entire Software Development Lifecycle (SDLC).
- **Strategic Partnership:** Collaborated with [Universidad Provincial de Oficios \(UPrO\)](#) to validate the MVP, conducting beta testing sessions to refine the user experience based on real feedback.
- **Solution:** Deployed a robust mobile platform connecting local professionals with citizens, streamlining the hiring process in San Luis.

Stack: JSX, TypeScript, React Native, Expo, Next.js, Styled Components, Firebase, Express.js, ESLint, Prettier, Jest, React Testing Library, Jenkins, Jira.

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Education

Information Systems Engineering (Incomplete) | Universidad Nacional de Villa Mercedes
2016 - 2018

- Completed 2 years of fundamental Computer Science coursework (Algorithms, Data Structures, Calculus) before transitioning to a full-time developer role at Árido Software to accelerate professional growth.

Continuous Learning & Certifications

Advanced Front-End & Product Design | Platzi & Udemy

2018 - Present

- Completed 20+ specialized courses focusing on the React ecosystem (React Native, Next.js, Redux), Advanced JavaScript, and UI/UX Design principles.
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- Constantly updating skills in modern architectures, performance optimization, and agile methodologies.

Languages

Spanish

- Native

English

- Full Professional Proficiency