María Rodríguez

Senior Software Engineer, Frontend & Mobile | React · Next.js · TypeScript · Flutter

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Authorized to work in Canada (no sponsorship required) | English (Professional), Spanish (Native)

SUMMARY

Senior Software Engineer with 6+ years building frontend web and cross-platform mobile applications with React, Next.js, TypeScript, JavaScript, Flutter, and Dart. Most recently owned the entire front end for 8 white-label apps (15K+ users) on iOS, Android, tablet, and web. Led a Flutter app with 1M+ users and set up automated testing from scratch, writing 7,500+ tests across web, mobile, and tablet. Strong in UI architecture, design systems, native SDK integration, authentication, end-to-end testing, and AI-assisted development.

SKILLS

Frontend: React, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, SASS, Ember.js, Hugo (Go templates), Headless CMS (Prismic), Responsive Design, Web Performance, Technical SEO

Mobile: Flutter, Dart, BLoC / Cubit, iOS, Android, Swift and Kotlin (Platform Channels, Native SDK Integration), Push Notifications, Geofencing, Payment Integration, Deep Linking (Branch.io), App Store Connect, Google Play Console

Architecture & UX: Design Systems, Reusable Component Libraries, State Management, Clean Code, Multi-tenant / White-label Architecture, Internationalization (i18n), UX Design, User Flows, IoT / Smart-Reader Integration

Auth & Security: Passkeys, Two-Factor Authentication (2FA), Biometric Authentication, Role-Based Access Control (RBAC)

Backend & Data: Firebase (Auth, Firestore, Cloud Functions, FCM, Remote Config), Supabase, REST APIs, Real-time Data, CDN

Testing & Delivery: Automated Testing, Playwright, End-to-End (E2E) Testing, QA, Git, Release Automation, App Store and Google Play Releases, JIRA, Agile / Scrum

AI: AI-assisted Development (Claude Code daily; Codex, Cursor), Prompt Engineering, Production AI Features

EXPERIENCE

Mobile and Web Developer | Caret Ltd | Calgary, AB

February 2026 – November 2026

- Owned the entire front end, as one of two engineers, for 8 white-label property apps (15K+ users) across Flutter mobile, Flutter tablet, and a Next.js/React/TypeScript web portal.
- Led a smart-reader provider migration, building iOS (Swift) and Android (Kotlin) SDK bridges into Flutter via platform channels for new access-control hardware in all 8 apps.
- Built and maintained core features behind 200K+ service requests and 500K+ amenity bookings: real-time technician routing, credit-based booking, mobile door access with guest links, and tenant-staff messaging.
- Built Operations Hub, a real-time service-request board for property managers and building operators, with a TV mode for wall displays.
- Led a geofence-based inspection product replacing paper forms: React form builder and scheduling in Next.js, with on-site completion, photos, and signatures in Flutter.
- Designed the permissions model and role-based UI (RBAC) for ~20 user roles; implemented passkey sign-in and two-factor authentication (2FA).
- Improved the accuracy of a production AI assistant for property managers by refining its prompt from in-feature user feedback; maintained VerifyCOI, an AI certificate-of-insurance verification tool.
- Built the shared design system foundation (typography and color variables; reusable buttons, snackbars, and modals), speeding up feature development and app-wide design changes.

- Set up automated testing from scratch and wrote 7,500+ tests in 9 months: ~5K web portal, ~2K Flutter mobile, ~500 tablet.
- Automated iOS and Android builds and store uploads for 8 apps into one command (previously half a day); shipped dozens of App Store and Google Play releases.
- Owned UX design, architecture, product decisions, and client communication with no dedicated designer or product manager.

Flutter Developer (Contract) | Marine IoT startup | Remote

November 2024 – February 2025

- Built a smart mooring IoT app (Flutter, BLoC, Mapbox, Stripe) as sole developer: boat reservations, GPS navigation on nautical maps, automated locking, and payments.

Software Engineer | Moonshot Partners | Remote

August 2020 – February 2026

- Learned Flutter in one month, then led App Digitel, a telecom app with 1M+ users (Flutter, Java): bill payments, recharge, tariff management, and biometric login.
- Defined the architecture (clean code, BLoC / Cubit) and built the design system for 3 Flutter apps, from kickoff to App Store and Google Play release.
- Built the signup and onboarding flow for HRDF Learn (via Go1), a learning platform for Malaysia's ~10M workforce: Webflow prototype, then Ember.js.
- Served as lead developer of Aora, a social discovery app (Flutter, Firebase); built the matching algorithm and mentored 2 developers.
- Built Mom Ease, a childcare marketplace app (Flutter, Firebase), end to end: map-based matching, family and provider onboarding, in-app messaging, and membership plans.
- Cut page load time 40x (8s to 200ms) for Go1.com, an Australian EdTech unicorn, with a CDN, and generated 20,000+ SEO-optimized pages.
- Built, as part of the team, 30+ reusable React (Next.js) components on Prismic so non-technical staff could build pages; optimized them with technical SEO.
- Shipped a React admin dashboard for a social platform in 2 days using AI-assisted development.
- Developed web learning interfaces for Wizard, a Brazilian language school, and owned QA for its apps (4.4 Google Play, 4.5 App Store, 1.8K+ reviews).
- Introduced the company's first end-to-end test suite with Playwright, improving defect detection and user-journey coverage.
- Collaborated with product managers, designers, and clients in 5 countries; led client meetings, gathered requirements, and managed releases in Agile / Scrum with JIRA.

EDUCATION

Web Development and UX Bootcamp | Laboratoria | Lima, Peru | February 2020 – August 2020

Full-time program: JavaScript, Vue, HTML/CSS, Jest, Node.js, responsive design, UX and Figma, Scrum.

Professional Development: Playwright Test Automation, Professional React State Management, Introduction to SEO (Platzi, 2022–2023)