Milton Iván García López

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Frontend & Mobile Engineer with 4+ years of experience building and scaling React and React Native applications. Strong focus on performance optimization, architectural decision-making, and ownership of business-critical, media-intensive features that drive measurable product value.

PROFESSIONAL EXPERIENCE

Mobile / Frontend Engineer — Edynamics Log
November 2023 – February 2026

Contributed to the evolution of a field-focused construction application from a functional tool into a **business-critical, professional-grade product**, directly impacting performance, usability, and enterprise adoption.

- Delivered a construction-grade image editor using Expo and React Native, enabling on-site image annotations, geometric shapes, visual markers, and precise construction measurements to produce professional field documentation.

- Enabled the company to scale its core product by leading the technical transition from Vue.js to React Native, removing camera and performance constraints that limited image-centric workflows in the field.

- Improved photo capture reliability, speed, and visual quality on iOS by integrating **React Native Vision Camera**, making high-resolution photography viable on modern devices and reducing friction for on-site users.

- Increased enterprise readiness by implementing biometric authentication, geolocation, and full internationalization, supporting secure access and global usage.

- Reduced operational overhead by designing reusable state management and performance-oriented architecture using **Jotai**.

- Expanded the product's reporting and collaboration capabilities through a rich text editor with mentions and HTML export, enabling structured, shareable project documentation.

- Contributed to long-term product stability by formalizing documentation, support processes, and maintenance workflows after core feature delivery.

Frontend Developer — Ixulabs
February 2022 – June 2023
Delivered frontend solutions that supported customer engagement and operational efficiency across multiple products.

- Helped drive user engagement and retention by building barcode and QR-based reward systems that incentivized product usage through points and discounts.

- Supported digital transformation initiatives in the healthcare sector by contributing to a private hospital appointment scheduling platform.

- Improved user coordination and communication by implementing calendar-driven booking flows and in-app chat functionality.

- Accelerated feature delivery by collaborating closely with backend teams to integrate REST and GraphQL APIs reliably.

Junior Frontend Developer — Stackly Code
January 2021 – December 2021
Contributed to early-stage product development in an educational technology environment.
- Supported growth of an online learning platform by implementing frontend features for course discovery and enrollment.
- Improved content delivery and usability through API integrations and structured UI components.
- Gained hands-on experience delivering production features in a team environment.

SELECTED PROJECT

Pixel Kit — https://pixel-kit.vercel.app

- Designed and built a **high-performance, canvas-based design editor** with interactions common to modern design tools such as Figma.
- Implemented advanced canvas interactions including drag-and-drop, resizing, layering, and real-time updates using **React, Konva, and Jotai**.
- Architected the application with **Next.js and TypeScript**, prioritizing predictable state management and rendering performance.
- Built a complete product experience including **user authentication, project management, image uploads and previews**, and **dark/light mode**.
- Deployed and maintained the application on **Vercel**, with a **MongoDB-backed** data layer.

TECHNICAL SKILLS
- Frontend Technologies: React, Next.js, Vite, Axios, Redux, React Context, Zustand, Zod, Jotai, React Query
- Testing Frameworks: Jest, Cypress
- Build Tools: Webpack, Vite, Expo, Xcode, Android Studio
- Additional Technologies: TypeScript, GraphQL, Styled Components, TailwindCSS

LANGUAGES
- Spanish (Native)
- English (B2 Level)