

Miguel Hernandez

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Product Engineer | Frontend & UX-Focused Developer

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Product Engineer with 5+ years of experience leading end-to-end development of AI-driven, user-centered products across web and mobile platforms. Combining frontend architecture expertise with a strong full-stack foundation, I design and build scalable systems where performance, usability, and aesthetics work in harmony. I've partnered with C-level and cross-functional teams across the US, Europe, and Latin America to transform complex requirements into products that ship fast and scale seamlessly. My approach merges engineering precision, UX/UI thinking, and product strategy—delivering technology that not only works flawlessly, but feels effortless for the user.

PROFESSIONAL EXPERIENCE

Product Engineer - Wollen Labs | Hybrid | US - Argentina

Apr 2025 – Present

- Founding Product Engineer leading the architecture and end-to-end development of AI-powered products across web and mobile, covering both frontend and backend.
- Built intelligent, scalable systems that connect AI models directly to user-facing applications, enabling seamless real-time interaction between users, data, and hardware.
- Engineered high-performance interfaces and backend integrations with React Native, Expo, Next.js, TypeScript, Tamagui, Bluetooth, and Pipecat AI, ensuring system reliability and fluid experiences.
- Partnered with C-level leadership and cross-functional teams to define product vision, align priorities, and translate business goals into measurable outcomes.
- Drove multiple products from early MVPs to production-ready environments, focusing on scalability, maintainability, and user-centered design.

Lead Frontend & UX/UI Engineer - Bizz | Remote | Argentina

Nov 2023 – Apr 2025

- Engineered a fully integrated real-time chat system using WebSockets, Strophe.js, and Redux, ensuring instant synchronization of conversations and global app state across all modules.
- Led the front-end development of a document-management platform integrating Gmail, QuickBooks, and other external services, centralizing client communications and shared files into a cohesive workspace.
- Designed and implemented a Jira-style task dashboard that allowed company accounts to create, assign, and track internal tasks, improving workflow visibility and team productivity.
- Served as founding front-end engineer and UX/UI designer for the mobile app built with React Native, creating an interface that mirrored the functionality and visual identity of the web platform.
- Integrated key analytics and monitoring tools — Google Analytics, Google Tag Manager, Sentry, and Mapbox — to enhance product insights, error tracking, and user geolocation accuracy.
- Bridged communication between technical and non-technical stakeholders, translating complex engineering concepts into actionable plans during weekly syncs with the CEO, Product Owner, and Tech Lead.

Frontend Developer - BetterVet (acquired by The Vets) | Remote | US

Mar 2023 – Nov 2023

- Redesigned the company's booking platform, driving a 3× increase in conversion rates and reducing user friction across key flows.
- Enhanced product value by integrating a subscription model that converted 50 % of new users into recurring members, strengthening long-term retention.
- Elevated the brand's presence through a complete visual and UX overhaul, recognized with the Platinum Award at the MUSE Creative Awards 2023.
- Built an intelligent scheduling tool for veterinarians, integrating route planning, appointments, and rest management through a Google Calendar-style interface.
- Collaborated with product and design teams to refine UI performance, ensure design-system consistency, and ship scalable interfaces using React, TypeScript, Sass, Redux, and AWS.

Frontend Engineer & Product Collaborator - KIMO | Remote | Netherlands

May 2021 – Mar 2023

- Partnered directly with the CEO, Product Owner, and Digital Product Designer to define the product vision, user flows, and UI direction across new features and large-scale redesigns.
- Engineered and deployed multiple iterations of the web platform, enhancing speed, responsiveness, and overall UX through modern front-end practices (React, TypeScript, Redux).
- Developed a university competition platform for India-based campaigns, enabling large-scale Q&A challenges and automated prize logistics for 700+ daily participants.
- Optimized site performance through systematic code refactoring, asset compression, and rendering enhancements, reducing load times and improving engagement metrics.
- Contributed to the mobile app built with Expo, ensuring cross-platform consistency and alignment with the shared design system.
- Supported developer hiring by screening CVs, leading interviews, and designing technical challenges, providing structured feedback to leadership on candidate selection.

EDUCATION & CERTIFICATION

Complete AI Engineer Bootcamp - 365 Careers | Sep 2025 - Present

Next.js: The React Framework for Production - DevTalles | Jan 2024 – Mar 2024

React Native - Código Con Juan | Jul 2022 – Sep 2022

React JS: The JavaScript Library Created by Facebook - Agustín Navarro Galdón | Apr 2021 – May 2021

Full Stack Developer Coding Bootcamp - Henry | Oct 2020 – Apr 2021

SAP BW Consultant (Paid Internship) - Accenture | Feb 2019 – Aug 2020

SAP ABAP Developer (Paid Internship) - IBM | Oct 2018 – Feb 2019

TECHNICAL SKILLS

JavaScript (ES6+) · TypeScript · React · React Native · Next.js · Node.js · Express · PostgreSQL · Firebase · Strapi · Prisma · Redux · Zustand · Tamagui · Tailwind · HTML5 · CSS3 · AWS · Docker · CI/CD · Figma-to-code · UX/UI · Agile · Google Analytics · Google Tag Manager · Sentry · Vercel

LANGUAGE

English – C2 EF Certificate

Spanish – Native