Karin Fernandez, Senior Software Engineer

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LINKS LinkedIn, Portfolio

PROFILE

About

Senior Frontend Engineer with 8 years of experience building responsive React/Next.js applications, scalable design systems, and SaaS platforms. Proven record optimizing performance, integrating analytics, and collaborating with Product, Design, and QA to deliver high-impact features. Experienced with Cloudflare Workers, Supabase, and Tailwind CSS.

EMPLOYMENT HISTORY

May 2024 — Present

Senior Software Engineer, PROS
Remote

- Scaled and optimized the PROS Marketplace frontend (Next.js, Tailwind, Hygraph), enhancing React components for responsiveness and ensuring consistent UX across the global product showcase.
- Shipped customer-facing features with Product & Design, improving usability and reducing churn.
- Implemented the Marketplace design system, ensuring scalable, consistent UI across customer-facing modules and improving developer velocity.
- Improved API performance by adding Cloudflare Workers caching and routing to critical endpoints, reducing latency and improving reliability of high-traffic product data delivery.

Jan 2022 — Apr 2024

Software Engineer, PROS
Remote

- Co-developed the PROS Marketplace platform (Next.js, Tailwind, Hygraph via GraphQL APIs, deployed on Vercel), centralizing company product offerings and improving content discoverability.
- Translated business requirements into scalable React/Next.js implementations, balancing usability with performance in collaboration with Product & Design.
- Maintained and optimized 10+ shared React components used across teams, improving reliability and speeding up new feature development.
- Built an interactive Histogram component to visualize fare trends by route, enabling users to explore price fluctuations and navigate directly to booking pages.

Nov 2018 — Dec 2021

Web Developer, Everymundo(Acquired by Pros 2022)
Miami

- Delivered core frontend features for global airline clients at a high-growth travel-tech startup, scaling solutions that were later adopted across multiple airline platforms.
- Built and maintained a React-based design system and UI library (carousels, tables, form components), streamlining development and ensuring consistent UX across airline products.
- Scoped, tested, and launched stable releases with Product & QA, reducing production issues and improving client satisfaction.
- Collaborated with Product on feature requirements and roadmap priorities, aligning technical delivery with airline business objectives.

Oct 2017 — Nov 2018

Junior Web Developer, Everymundo
Miami

- Developed a lightweight JavaScript event-tracking library, enabling analytics that informed feature prioritization and improved product decisions for airline dashboards.
- Implemented user engagement tracking and reporting, providing insights that guided roadmap planning and client success.
- Improved frontend performance and responsiveness by developing scripts that optimized page load times across client applications.
- Resolved platform-wide UI issues, enhancing cross-browser reliability, visual consistency, and user experience.

Oct 2016 — Oct 2017

Freelance Web Developer, kclines
Miami

Developed responsive WordPress and JavaScript websites for small businesses, handling full lifecycle from requirements to deployment.

Jan 2016 — Sep 2016

Teaching Assistant, Ironhack Web Development Bootcamp
Miami

Supported delivery of full-stack and front-end web development courses (HTML, CSS, JS, Ruby). Led group sessions, reviewed student code, and provided 1:1 coaching.

Jan 2013 — Sep 2015	**Passenger Service Agent, Swissport USA**	Miami

Provided check-in and boarding support for American Airlines passengers, ensuring compliance with travel regulations.

Sep 2010 — Feb 2012	**Hydraulic Engineer, EAST Aqueduct**	Havana, Cuba

Managed budgeting and on-site supervision for drinking water and sewage infrastructure projects. Reported progress, valve replacements, and pressure test results using AutoCAD and engineering documentation.

EDUCATION

Jan 2015 — Jan 2015	**Full-Stack Web Development Bootcamp, Ironhack**

Completed 400+ hours of hands-on training in full-stack development, gaining proficiency in Ruby, Rails, JavaScript, and modern web tools including HTML/CSS, Bootstrap, and APIs.

Jan 2005 — Jan 2010	**Bachelor of Engineering - BE in Hydraulic Engineering, Instituto Superior Politécnico José Antonio Echeverria**

SKILLS

Frontend: React, Next.js, TypeScript, JavaScript (ES6+), Tailwind CSS, HTML5, CSS3, accessibility (WCAG)

Design Systems: React component libraries, reusable UI modules, design system implementation

Testing & QA: Cypress (E2E), cross-browser testing, QA collaboration on stable releases

Backend/DB: Node.js, Supabase (Postgres), GraphQL APIs, REST APIs