

FÉLIX EHUAN

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ABOUT ME

Senior software engineer with 8 years of experience building SaaS applications, specializing in front-end architecture, design systems, and multi-tenant platforms with React and Next.js. Combines deep expertise in TypeScript and .NET with modern AI-augmented workflows that direct agentic coding through spec-first development. Comfortable owning architecture decisions independently and translating product requirements into shippable technical specs.

SKILLS

Languages: TypeScript, JavaScript, C#

Frontend: React, Next.js, Angular, Tailwind CSS, SCSS, Storybook, design systems, micro-frontends.

Backend: .NET Core, Entity Framework, Event Sourcing, Microservices, REST, GraphQL, Firebase (Firestore, Functions, Hosting, Storage), Google Cloud, SQL.

Integrations: Stripe, Prismic CMS, Google Maps.

AI-Augmented Engineering: Agentic development workflows, parallel agent dispatch via git worktrees, spec-first / plan-first methodology, AI-assisted code review and verification.

Practices: Responsive design, performance optimization, accessibility, technical specification, cross-team collaboration with product and UX.

RELEVANT EXPERIENCE

Senior Software Engineer, **Ski.com**

Sep 2024 - May 2026

- Architected a rebuild of the Snowpak.com booking engine, inverting service dependencies so each app calls other services through a shared SDK with M2M token caching and discovery, and designing an optimistic-write session pattern with rollback semantics for resilient state across distributed services.
- Architected a multi-tenant platform serving 17 tenant brands from a shared codebase, including launching new tenants end-to-end with custom routes, theming, build configs, and domain wiring.
- Led a 9-month rewrite of the fulfillment system, replacing the legacy flow with a new modal-driven UX, multi-vendor support, race-condition-free cancellations, and automated order notifications.
- Built a browser-based video quote recorder with ML-powered virtual backgrounds (TensorFlow selfie segmentation, MediaPipe), web worker offloading, and CDN-backed uploads integrated with the event-sourced quote system.
- Built an internal admin tool with full session replay on top of the event store, enabling support and engineering to reconstruct any booking session for debugging and dispute resolution.
- Migrated Snowpak.com to Prismic CMS, building an 83-component slice library and a prebuild-compiled Mega Nav system deployed across multiple tenants, enabling marketing to ship content independently of engineering.
- Cut data transfer costs by 90% by re-architecting media delivery with caching and CDN tuning.

Software Engineer, **Team Station**

Jan 2021 - Sep 2024

- Owned frontend architecture decisions across two major applications, the operator admin and the customer-facing site, leading a migration from class components and heavy Redux to function components with React Context and TanStack Query, modernizing state management and replacing manual cache logic with server-state synchronization.
- Cut frontend bundle size by 60% through React code splitting, lazy loading, and module optimization, materially improving load performance across the platform.
- Built the foundation of the multi-tenant operator admin app, integrating SignalR for real-time communication, MSAL for authentication with claims-based role management, company switching across tenants, and a custom design system built with the product designer on top of Material UI.
- Built 17 operational reports end-to-end, .NET Core backend endpoints, and React frontends, powering business analytics for four operator companies on the platform.
- Contributed to the waivers infrastructure powering liability and responsibility flows for major theme park and attraction operators on the platform.
- Built the financials module in .NET Core (shopping cart, transactions, coupons, refunds, Stripe integration), and refactored endpoints across the codebase to support an architectural redesign.

Software Engineer, **Futurestay**

Jan 2020 - Jan 2021

- Engineered an incremental migration of the core platform from PHP/CodeIgniter to Laravel and React, using an islands architecture that replaced discrete interactive elements with self-contained React components to ship the rewrite in stages without disrupting users.
- Implemented Futurestay's design system across the platform during the migration, ensuring visual and behavioral consistency between legacy and modernized surfaces.

Software Engineer (Team Lead), **Scode**

Dec 2018 - Jan 2020

- Led the frontend development team of 3 engineers plus interns, translating business requirements into user stories and scoping technical work across the team.
- Shipped 10 client projects across diverse domains: crowdfunding, travel booking, nutrition tracking, and social platforms, using Angular and Firebase (Firestore, Functions, Hosting, Storage).
- Built Mooch, a social network for pets with a two-sided subscription model that lets veterinary clinics and pet stores market to engaged users.
- Mentored 3 interns through the full SDLC, all of whom went on to land junior developer roles.

EDUCATION

Bachelor's degree in Physics Engineering, Universidad Autónoma de Yucatán

Jul 2012 - May 2017

HONORS

International Symposium on Intelligent Computing Systems (ISICS)

Mar 2018

Won second place with the poster: *Automatic morphological analysis of the left ventricle using discrete descriptors in echocardiographies with murine models.*