

Alonzo Alden

Los Angeles, CA | (661) 488-6979 | alonzoalden@gmail.com | linkedin.com/in/alonzo-alden | github.com/alonzoalden | alonzoalden.com

Senior Front-End Engineer | Angular • TypeScript • RxJS • Enterprise SaaS • Complex Frontend Systems

PROFESSIONAL SUMMARY

Senior Front-End Engineer with 9+ years of experience building production Angular and TypeScript applications for SaaS, marketplace, and internal operations platforms. Deep experience with RxJS, NgRx, Angular Signals, Nx monorepos, reusable component systems, complex client-side state, dynamic forms and validation, REST API integration, SSR/SEO, and frontend performance. Built and modernized configurable search, property records, map, and operational applications while partnering with product, design, backend, QA, and engineering leadership.

TECHNICAL SKILLS

Frontend: Angular, TypeScript, JavaScript (ES6+), RxJS, NgRx, Angular Signals, HTML5, CSS3, SCSS

Architecture & State: Nx Monorepos, Shared Component Libraries, Component Architecture, Reactive State Management, Asynchronous Data Flows, Client-Side Data Modeling, Dynamic Forms & Validation, SSR, PWA

Data & Visualization: REST API Integration, Google Maps, deck.gl/WebGL, MVT/Vector Tiles, Data-Intensive Interfaces, Dynamic Search & Filtering

Quality & Delivery: Code Reviews, Debugging, CI/CD Workflows, Build Troubleshooting, Release Verification, Production Issue Analysis, Lighthouse, Core Web Vitals

Tools / Additional: Node.js, Express.js, .NET/C#, Swagger/OpenAPI, Git, GitHub, Jira, Browser DevTools, WebSockets, React

PROFESSIONAL EXPERIENCE

CREXI — Senior Front-End Engineer | *Los Angeles Metropolitan Area / Remote* | Jun 2021 – Jun 2026

- Built and maintained production Angular and TypeScript features across a large Nx monorepo supporting multiple applications and shared libraries for a national commercial real estate marketplace and SaaS platform.
- Contributed to CREXi Universal Search, rebuilding search for two previously duplicated marketplace products as one configurable Angular application that rendered the appropriate marketplace experience from shared code.
- Helped modernize the application through a broad refactor to current Angular patterns, including Signals, and organized it for the Nx monorepo with shared libraries, clearer boundaries, and reusable architecture.
- Helped build CREXi Property Records as a third product surface using shared components and reusable frontend patterns across all three platforms, establishing an early foundation for broader frontend unification.
- Modernized the CREXi Map from legacy Angular map integrations to Google Maps with deck.gl/WebGL overlays and MVT/vector tile rendering for dense national property data.
- Built dynamic, API-driven filtering and form workflows involving reactive state coordination, validation, query synchronization, and complex business rules.
- Contributed to AskCREXi Search, translating natural-language and voice input into structured property filters and integrating the experience into the primary search workflow.
- Supported public-facing SSR, SEO, Lighthouse/Core Web Vitals, CI/CD delivery, build troubleshooting, release verification, and production regression analysis.

TOOLOTS — Senior Front-End Developer | Cerritos, CA | Sep 2018 – Jun 2021

- Led frontend development for enterprise web and PWA applications using Angular 8–11, TypeScript, RxJS, NgRx, JavaScript, HTML, SCSS, Node.js, Material UI, and Flex Layout.
- Architected and built Merchant Portal, a merchant-facing CRM/ERP application used by 1,000+ merchants to manage inventory, account workflows, and platform details.
- Built Gadget, an internal ERP/PWA application used by warehouse, operations, administrative, and cross-department teams across desktop, tablet, iPad, and mobile browsers.
- Designed responsive UI features and partnered with backend engineers, product teams, and internal departments to translate business requirements, API behavior, and operational workflows into production features.
- Mentored junior developers, assisted with code reviews, and promoted maintainable frontend practices.

SOLID COMMERCE — Software Engineer | Marina del Rey, CA | May 2017 – Jul 2018

- Implemented Angular, JavaScript, HTML, CSS, and Node.js features for greenfield and legacy SaaS e-commerce applications; modernized legacy UI surfaces into Angular-based experiences.
- Built responsive, pixel-accurate UI components from design mockups and product requirements in a structured SDLC environment.
- Developed and maintained REST APIs using .NET/C# and created Swagger/OpenAPI documentation for engineering and partner teams.
- Contributed to UPS Marketplace Setup, a client-facing application used by 10,000+ UPS e-Fulfillment retailers to connect with marketplaces.

HACK REACTOR — Software Engineering Mentor / Associate Instructor | Remote | Dec 2016 – Apr 2017

- Mentored 50+ prospective engineers in JavaScript, computer science concepts, modern frameworks, code reviews, and coursework support.
- Coordinated educational events and mentor check-ins to support student progress, technical growth, and intervention strategies for common engineering anti-patterns.

SELECTED PROJECTS & PLATFORM HIGHLIGHTS

- **CREXi Universal Search:** Rebuilt search for CREXi's two marketplace products as one configurable Angular application, replacing duplicated implementations and modernizing the codebase with Angular Signals and Nx-aligned shared architecture.
- **CREXi Property Records:** Built a third product surface around shared components reusable across all three platforms, creating the first practical foundation for a more unified frontend architecture.
- **CREXi Map:** Modernized the national property map using Angular, Google Maps, deck.gl/WebGL, and MVT/vector tiles to render dense geospatial data efficiently.
- **AskCREXi Search:** Helped translate natural-language and voice input into structured property-search filters integrated with the primary search experience.
- **Merchant Portal and Gadget:** Angular CRM/ERP and PWA applications supporting merchant inventory, warehouse operations, administration, and cross-device workflows.
- **UPS Marketplace Setup:** Client-facing marketplace integration application used by 10,000+ retailers, including frontend development, REST APIs, and Swagger/OpenAPI documentation.

EDUCATION

Hack Reactor — Full Stack JavaScript Engineering Immersive, 2016

San Francisco State University — Bachelor's Degree, 2012