

Alonzo Alden

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Senior Front-End Engineer | Angular • React • TypeScript • Enterprise SaaS • AI-Assisted Engineering

PROFESSIONAL SUMMARY

Senior Front-End Engineer with 9+ years of experience building production web applications for SaaS, marketplace, and internal operations platforms. Strong background in Angular, TypeScript, RxJS, NgRx, component architecture, responsive UI, REST API integration, debugging, and CI/CD-driven delivery. Experienced in large frontend codebases, Nx monorepos, geospatial map interfaces, SSR/SEO performance work, AI-assisted engineering workflows, and cross-functional product execution with product, design, backend, QA, and engineering leadership.

TECHNICAL SKILLS

Frontend: Angular, React, TypeScript, JavaScript (ES6+), RxJS, NgRx, Angular Signals, Google Maps, deck.gl/WebGL, HTML5, CSS3, SCSS

Architecture: Component Architecture, Nx Monorepos, Shared UI Libraries, SSR, PWA, REST API Integration, MVT/Vector Tile Rendering

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

AI-Assisted Engineering: Codebase exploration, refactor planning, debugging support, test-case discovery, PR review support

Tools / Backend Exposure: Node.js, Express.js, .NET/C#, Swagger/OpenAPI, Git, GitHub, Jira, Browser DevTools

Performance: SEO, Lighthouse, Core Web Vitals, WebGL Rendering, Network/Console Debugging, Cross-Browser UI Testing

PROFESSIONAL EXPERIENCE

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

- Built and maintained production Angular/TypeScript features for a commercial real estate marketplace and SaaS platform serving external users and internal business teams.
- Worked in a large Nx monorepo across multiple Angular applications and shared libraries; contributed to reusable components, feature modules, and frontend code organization.
- Modernized Crexi's property map experience using Angular, Google Maps, deck.gl/WebGL overlays, and MVT/vector tile rendering to display dense national property data with better performance and maintainability.
- Implemented responsive, data-rich interfaces and dynamic filtering workflows using Angular, TypeScript, RxJS, NgRx, Angular Signals, SCSS, and REST API integrations.
- Supported public-facing SSR, SEO, and performance initiatives, including Lighthouse/Core Web Vitals investigation, rendering issues, and frontend performance debugging.
- Helped reduce duplicated frontend patterns by consolidating shared logic and reusable UI approaches while keeping existing application boundaries stable.
- Participated in CI/CD-driven delivery through pull requests, automated checks, build troubleshooting, release verification, and production regression analysis.
- Used code reviews and AI-assisted engineering workflows to explore legacy code, plan refactors, debug production issues, and evaluate maintainable implementation tradeoffs.

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 web application used by 1,000+ merchants to manage inventory and platform details.
- Built Gadget, an internal ERP/PWA application used by warehouse, operations, administrative, and cross-department teams on desktop, tablet, iPad, and mobile browsers.
- Designed and implemented responsive UI features across mobile, tablet, desktop, and PWA workflows while maintaining cross-browser compatibility.
- Partnered with backend engineers, product teams, and internal departments to translate dynamic business requirements into production frontend 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.
- 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 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.
- Modernized legacy user interfaces into Angular-based experiences and debugged UI/API issues across product, design, engineering, and QA teams.

HACK REACTOR — Software Engineering Mentor / Associate Instructor | *San Francisco, CA / 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 PROJECT & PLATFORM HIGHLIGHTS

- **Crexi mapping platform:** Modernized a national commercial real estate map using Angular, Google Maps, deck.gl/WebGL overlays, and MVT/vector tile rendering for dense property data.
- **Merchant Portal:** Angular merchant-facing CRM/ERP application used by 1,000+ Toolots merchants to manage inventory and platform details.
- **Gadget ERP/PWA:** Internal Toolots operations application used by warehouse and administrative teams across desktop, tablet, iPad, and mobile browsers.
- **UPS Marketplace Setup:** Client-facing UPS e-Fulfillment marketplace connection app used by 10,000+ retailers, including UI development, REST APIs, and Swagger documentation.

EDUCATION

Hack Reactor — Full Stack JavaScript Engineering Immersive, 2016

San Francisco State University — Bachelor's Degree, 2012