

Joshua Rubin

Senior Frontend Engineer

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Frontend systems engineer with 7+ years of experience building scalable, high-performance web applications. Specialized in shared UI foundations, component libraries, large-scale frontend modernization, and performance-driven architecture. Strong TypeScript expertise with deep experience in theming systems, state management, and real-time data interfaces. Lead AI adoption initiatives to enhance development velocity, code quality, and architectural consistency across teams.

Professional Experience

Senior Frontend Engineer – Fluent Trade Technologies (Nov 2024 – Present)

- Led full-scale modernization upgrading Angular 11 → 20, aligning platform with modern architectural patterns and long-term scalability.
- Designed and implemented a modular multi-theme design system adopted across products; standardized reusable UI foundations.
- Built high-performance real-time data interfaces powered by WebSockets with complex state synchronization logic.
- Engineered custom state management optimized for performance-critical trading workflows.
- Refactored large legacy modules (4,000+ LOC) into composable, maintainable architecture.
- Spearheaded AI tooling adoption (Cursor, code copilots, architectural audits) to improve refactoring speed and increase engineering velocity.

Senior Frontend Developer – Toratech (Nov 2022 – Apr 2024)

- Migrated large-scale Vue 2 + Vuex platform to Vue 3 + Pinia with full TypeScript adoption.
- Built reusable UI components and interactive media modules used across multiple product areas.
- Improved bundle size, runtime performance, and maintainability through architectural refactoring.
- Collaborated closely with product and design to convert Figma specifications into scalable component abstractions.

Team Lead & Frontend Developer – SifraDigital (Apr 2021 – Nov 2022)

- Led frontend architecture and delivery for fintech and AI clients.
- Built React and Vue-based SPAs emphasizing reusable component systems.
- Established shared UI patterns and introduced structured code review standards.

Skills

TypeScript (Expert), React, Angular, Vue 3, JavaScript (ES6+)

Component-driven architecture, state management systems, performance optimization, scalable theming systems

CSS/SCSS architecture, Tailwind, Vite, Webpack, Git, Figma, Cypress, Jest

Real-time systems, data-heavy interfaces, AI-assisted development workflows