

Will Barbee

Senior UI Developer · Design Systems Lead

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SUMMARY

Senior UI engineer with 10+ years building production React/TypeScript applications, design systems, and developer tooling. Co-founded BrowseTech, acquired by Corel in 2021, and now co-lead the Shidoka Design System — Kyndryl's open-source Lit-based component library. Recently architected Shidoka Studio, an MCP server that lets AI coding tools scaffold components and pages directly from the design system as source of truth.

SKILLS

languages	TypeScript, JavaScript, HTML5, CSS3
frameworks	React, Next.js, Lit, Web Components, Redux, Angular, Vue/Nuxt
state	Component events, cross-framework UI integration, reactive UI patterns, atomic state management
testing	Vitest, Playwright, Storybook, Jest, Web Test Runner
styling	Sass, Tailwind, JSS, design tokens, WCAG 2.1 AA
tooling	Vite, Turborepo, pnpm, Rollup, Webpack, GitHub Actions, Node.js
ai workflow	Claude Code, Cursor, VS Code, Codex, GitHub Copilot, MCP servers

EXPERIENCE

Associate Director, Software Engineering

Sep 2021 – Present

Kyndryl / Shidoka Design System

- Co-lead development of the Shidoka Design System: 100+ framework-agnostic Lit-based components, variants, and patterns consumed by React, Angular, and Svelte applications across an enterprise organization of 50,000+ employees, with 200–400 active consumer engineers integrating Shidoka into production apps.
- Designed and built **Shidoka Studio**, an MCP (Model Context Protocol) server that integrates the design system into Claude Code, Cursor, VS Code, Codex, and GitHub Copilot. AI agents scaffold components and assemble pages directly from `custom-elements.json` and Storybook patterns as source of truth.
- Share frontline support with the team for consumer engineers debugging production applications built on Shidoka. Diagnose render lifecycle issues, hydration mismatches, state management bugs, and performance regressions across React, Next.js, Vue, Svelte, and vanilla JS codebases — maintaining a 98% same-day resolution rate across active consumer engineers.
- Help maintain Shidoka's testing infrastructure with Vitest, Playwright, and Storybook.
- Co-run Shidoka's release process — semver, changelogs, migration guides, and rollout coordination across business units.

Co-founder & Senior UI Developer

Sep 2017 – Aug 2021

BrowseTech / Acquired by Corel, 2021

- Co-founded a paid ad-blocking browser extension. Grew to **200,000+ free and paid users** with a 4-person team; acquired by Corel in 2021. Stayed on at Corel through Aug 2021 to lead architectural documentation and engineering handoff of the Ad Remover product.
- Architected a multi-framework monorepo (Angular, Vue/Nuxt, KnockoutJS) with shared build infrastructure powering the extension, web dashboard, onboarding flows, and marketing site.
- Owned conversion-optimized UI work: A/B testing program, funnel instrumentation, and churn reduction across the paid tier.

Independent Consultant

2018 – Present

Front-End & Full-Stack

- Build and maintain production React and Next.js applications for long-term clients. Current consulting work includes a Supabase-backed React application leveraging aggressive data prefetching and cache orchestration to optimize perceived navigation performance.

EDUCATION & CERTIFICATIONS

M.A. Clinical Psychology

New School for Social Research

B.A. Psychology

UT Austin

Web Development Immersive

General Assembly NYC

CERTS Microsoft Azure Fundamentals (AZ-900) · HashiCorp Terraform Associate