

BRANDON CHURCH

Design Engineer & Technical Product Builder

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brandonchurchportfolio.com · github.com/BrandonChurch93 · linkedin.com/in/brandon-church-frontend

Security Clearance: Active Public Trust

PROFESSIONAL SUMMARY

Design Engineer and Technical Product Builder who owns the full product lifecycle from architecture and UI/UX design through production deployment. I operate as a one-person product team, leveraging AI-augmented development workflows to ship what traditionally requires a team of 5-6 engineers, in weeks instead of months. 10+ years of frontend engineering across federal government, Fortune 500, and 40+ clients through my own studio. 100% Section 508 accessibility audit record with zero violations. Active Public Trust security clearance.

TECHNICAL SKILLS

Frontend & Architecture: React 18+, TypeScript, Next.js 14, JavaScript (ES6+), Redux/RTK Query, tRPC, Zustand, CSS Modules, Tailwind CSS, HTML5, CSS3, Vite, Webpack, Nx Monorepos, Storybook, Server-Sent Events, WebSockets

Testing & Quality: Playwright, Jest, React Testing Library, Cypress, Test-Driven Development (TDD), E2E Testing, CI/CD Pipelines, Core Web Vitals, Performance Optimization

Design & UX: Figma (Expert), Design Systems Architecture, Component Libraries, Responsive/Mobile-First Design, Wireframing, Prototyping, UI/UX Design, Cross-Browser Compatibility, Agile/Scrum

Accessibility: WCAG 2.2, Section 508, ARIA, Screen Reader Testing (JAWS, NVDA, VoiceOver), ADA Compliance, Accessibility Auditing & Remediation

AI-Augmented Development: Claude Code, Cursor, Claude API, OpenAI API, Grok API, LangChain, Model Context Protocol (MCP), Prompt Engineering, RAG Implementation, AI-Augmented Development Workflows, AI/LLM Integration

Platforms: ServiceNow (Portal Development, Widget Libraries, OOTB Component Customization, Accessible Design Systems)

Infrastructure & Deployment: Vercel, AWS (Lambda, S3, CloudFront), Docker, Git, GitHub Actions, PostgreSQL, Supabase, Node.js

WORK EXPERIENCE

Future Mortgage (Genius AI) | Frontend Architect (Contract)

2026 | Boise, ID

- Brought on to lead frontend product strategy for mortgage CRM platform built on React, TypeScript, and Nx monorepo architecture (4 apps, 9 shared libraries). Mapped the entire frontend codebase within first week.
- Inherited a fragmented codebase built across multiple offshore and domestic teams with no unified standards (mixed Tailwind, Bootstrap, CSS Modules, and hardcoded inline styles). Led a full frontend unification effort, rebuilding both side and top navigation, refactoring components, standardizing responsive layouts, and normalizing the styling approach across all MVP pages.
- Architected and built a reusable design system library from scratch, establishing the brand's visual identity, typography, color system, and component patterns as the foundation for the full CRM rebuild.
- Designed and shipped a complete Next.js marketing site for investor-facing brand presence, defining the company's look and feel from concept through deployment.

Modern Softworks | Founder & Design Engineer

Sep 2020 - Present | Remote | modernsoftworks.com

- Founded accessibility-first frontend development studio serving 40+ clients including PagerDuty, insurance platforms, real estate firms, and e-commerce businesses

- Architect and ship complete web applications solo using AI-augmented development workflows (Claude Code, OpenAI API), delivering production-grade React/TypeScript/Next.js products at a velocity that replaces traditional team structures
- Built comprehensive design systems and component libraries from scratch for multiple clients, reducing development time by 60% and achieving 95+ Lighthouse scores with sub-2s load times
- Perform Section 508 and WCAG compliance audits for enterprise clients, providing detailed remediation roadmaps and achieving 100% compliance rates across all audited applications
- Developed AI-powered applications including browser extensions for visual content analysis using LangChain and vector databases

Leidit, LLC | Director of Frontend Engineering & Accessibility

Feb 2023 - Feb 2026 | Remote

- Rescued failing multimillion-dollar government contract 2 weeks before deployment by independently rebuilding broken functionality, redesigning non-compliant UI/UX, and achieving full Section 508 accessibility compliance through sustained effort, saving the client relationship and contract value
- Architected and developed mission-critical federal applications from Figma to production, including a humanitarian aid tracking system processing billions in quarterly transactions and a security clearance management system used across federal agencies
- Built comprehensive ServiceNow widget library using AngularJS, reimagining out-of-the-box components with improved UI/UX and achieving 100% Section 508 compliance, creating reusable components that reduced development time by 60% across all projects
- Led company-wide accessibility initiative as sole Section 508 compliance expert, maintaining zero accessibility violations across all government audits
- Managed and mentored UI/UX team of 3 engineers through daily standups, design reviews, and technical guidance while establishing development standards

Contract Frontend Engineering

Apr 2016 - Feb 2023 | Remote

- **Jobvite (Jan 2022 - Feb 2023):** Delivered 20+ career portal websites for Fortune 500 companies including Dell, Lenovo, and HP, designing in Figma and developing complete frontends using React and Tailwind CSS while achieving 95+ PageSpeed scores and WCAG 2.1 AA compliance
- **Rural Sourcing (Mar 2020 - Jan 2022):** Architected internal resource allocation platform matching 50+ developers to projects based on skills and availability. Built custom React component library and design system increasing team development productivity by 40% with 85% test coverage
- **Freelance Clients (Apr 2016 - Mar 2020):** Delivered 25+ applications across insurance, real estate, and e-commerce industries, including an insurance claims filing platform, a Udemy-style learning platform for insurance agent certification, an Airbnb-style displacement housing marketplace connecting policyholders with temporary housing, and React Native mobile applications.

E D U C A T I O N

Associate of Science, Computer Programming

Augusta Technical College | Augusta, GA