

Brandon Church

AI Product Engineer · Senior Frontend Engineer · Forward Deployed Engineer · AI Product Manager

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SUMMARY

I'm a product engineer and leader who takes software from problem to production: defining what to build with clients and stakeholders, designing it in Figma, building and testing it across the stack, and iterating on real user feedback. Over eleven years I've done that for federal contractors, Fortune 500 clients, and startups, and spent three of them as a Director building and leading the engineering teams that shipped it. Accessibility is a deep specialty. I work AI-natively with Claude Code and MCP, evaluate frontier models, and ship LLM features with real eval harnesses behind them.

EXPERIENCE

Founder & Principal AI Product Engineer · Modern Softworks

Sep 2020 - Aug 2026 · Remote

Founded a digital marketing and software development studio shipping marketing sites, brand systems, and web applications for startups and small businesses, then repositioned it in 2024 as an accessibility-first engineering studio for federal and enterprise clients. On every project I owned the full product lifecycle, from user research and Figma design through the build in Angular or React, TypeScript, and Node.js to delivery, AI-natively with Claude Code since 2024.

- Designed and built Property Claim Consulting's insurance platform as sole developer, three connected apps on React and Node/Express with a shared REST API integrating satellite imagery, 3D walkthrough, and Stripe APIs: a claims platform for public adjusters, a rental marketplace for displaced homeowners, and a certification LMS.
- Shipped 12+ marketing sites and platforms for small businesses, wired to payment, CRM, and marketing APIs, many of them repeat clients, every site at 95+ Lighthouse and several ranking first in local search.
- Delivered Section 508 and WCAG 2.2 audits and remediation for federal and enterprise clients: manual testing with JAWS, NVDA, and VoiceOver plus axe, prioritized remediation roadmaps, hands-on fixes, and conformance documentation including VPATs.
- Ran every part of the business myself: product strategy, scoping and pricing proposals, delivery roadmaps, client sprint demos, A/B testing and analytics-driven iteration, budgets, and brand and go-to-market programs. After 18 months solo, hired and led five developers plus contractors as technical and design lead.

AI Evaluation Engineer & QA Reviewer for OpenAI (Contract) · G2i

Apr 2026 - Jul 2026 · Remote

Three consecutive Codex engagements scoring the agent's work against detailed rubrics so that human judgment fed directly into how the model was trained, aimed at improving the experience of engineers working with it.

- Performed rubric-based evaluation of 300+ agentic coding outputs across TypeScript, React, Python, and Go, combining LLM-as-judge techniques with manual code review to score correctness, code quality, instruction adherence, reasoning, and honest task completion, with failure-mode rationales that catch what automated evaluation misses.
- Recognized as a top evaluator, with work cited as the reference example of a correct annotation, then asked to onboard and train incoming evaluators and promoted to QA reviewer, auditing and adjudicating 100+ submissions for rubric accuracy and scoring consistency.

VP of Product & AI Product Engineer (Contract) · Genius AI

Feb 2026 - Apr 2026 · Boise, ID

Contracted as VP of Product to take over an AI-powered mortgage CRM (React frontend, Python and FastAPI AI services) and marketing site the existing team had stalled on, and make it ready to show investors. Owned strategy and roadmap across four applications, directed a cross-functional team of six, and delivered on deadline, reporting to the CEO.

- Redesigned the borrower application funnel after analytics showed low completion: audited every field against the database and Fannie Mae requirements, designed the new journey in Figma, consolidated 40 screens to 15, and raised funnel completion roughly 4x.
- Created the design system from scratch (brand identity, typography, color system, design tokens, components), prototyping in code, shipped a Next.js marketing site with GSAP and Three.js motion, then rebuilt the CRM's components on it, refactoring 20+ with Claude Code.
- Built CI/CD quality gates blocking regressions before production: a fixed prompt suite scored by LLM-as-judge against a quality threshold so no change could degrade the agent and ship, plus axe, Lighthouse, and type checks. Brought the full platform to WCAG 2.2.

★ Director of Frontend Engineering & Accessibility · Leidit, LLC

Feb 2023 - Feb 2026 · Remote

Product, frontend, and accessibility lead at a 30+ person federal contractor, reporting to the CEO; owned strategy and roadmaps for federal deliverables, internal tools, and commercial SaaS. The company's only Section 508 specialist.

- Owned the entire user-facing product for a USAID humanitarian aid logistics platform tracking \$43B in goods annually across 40+ international warehouses, on a two-person engineering team: ran client requirements sessions ~3x a week, researched and defined 7 user personas, designed the information architecture and every screen in Figma, built the complete Angular frontend on a custom design system against ServiceNow REST APIs, and delivered an MVP in 6 months and full release in 12. Validated every cycle with sprint demos and signed-off per-persona UAT and trained users in person in Dubai and Djibouti.
- Took over a multimillion-dollar federal contract from an offshore team 2 weeks before launch after a routine Section 508 audit found 4,500+ violations and core features that didn't work. Rebuilt the broken features, resolved every violation, and launched on the original date.
- Built a custom accessible frontend framework and component library within ServiceNow from scratch, replacing every out-of-the-box component with a Section 508 compliant, themeable version, plus the conversational UI for a Now Assist-powered assistant (RAG over knowledge base articles, record lookup). Every ServiceNow application built afterward used it; the first app had taken 6 months, the next comparable one took under 2.
- Hired and onboarded the entire UI/UX engineering team, designed the interview loop with live code challenges, managed three engineers directly, and established the frontend standards and accessibility program used across every company project.

Senior Product Engineer · Jobvite

Jan 2022 - Feb 2023 · Remote

- Embedded with Jobvite's career portal team on Fortune 500 engagements, owning each client relationship outright: requirements gathering, scoping, Figma design, stakeholder demos, React build against Jobvite's ATS and job-feed APIs, and deployment. Shipped 20+ complete career portals for Dell, Wells Fargo, Bank of America, John Deere, Lowe's, and Taco Bell as embedded micro-frontends running inside each client's own website, at 2-4 week turnaround, every portal at 95+ PageSpeed and WCAG 2.1 AA.

EARLIER EXPERIENCE

Full Stack Software Engineer · Rural Sourcing	2020 - 2022
Frontend Developer · Hewlett Packard Enterprise	2018 - 2020
Software Engineer · MAP Academy	2016 - 2018

SKILLS

Frontend: React, Angular, React Native, TypeScript, JavaScript, HTML5, CSS3, Next.js, Tailwind CSS, Storybook, Design Tokens, Component Libraries, Core Web Vitals, GSAP, Framer Motion, Three.js, Micro-Frontends

Design & UX: Figma, Claude Design, Prototyping in Code, Design Systems, UI/UX Design, User Flows, Interaction Design, Information Architecture, User Research, Usability Testing, Brand Identity

AI Engineering: Claude Code, Claude API, OpenAI API, Amazon Bedrock, AI Agents, Multi-Model Orchestration, RAG, Model Context Protocol (MCP), Prompt Engineering, LLM Evaluation, Eval Harnesses, LLM-as-Judge, Guardrails

Product & Leadership: Product Strategy, Product Roadmap, User Stories, PRDs, Sprint Planning, UAT, KPIs, Data-Driven Decisions, A/B Testing, Go-to-Market, Stakeholder Management, Cross-Functional Leadership, Hiring & Mentorship, Jira

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

Backend & Infrastructure: Node.js, Express, Python, FastAPI, REST, GraphQL, PostgreSQL, Supabase, Firebase, Redis, Stripe, OAuth/JWT, Vercel, AWS (Lambda, S3, CloudFront, Aurora), Docker, GitHub Actions, CI/CD, Playwright, Vitest

FEATURED PROJECT

Ask the Claude Docs · ask-the-claude-docs.vercel.app · public repo with decision log

Evaluation-first RAG chatbot over the Claude Code docs (Next.js, TypeScript, Supabase pgvector, Claude). Eval harness: golden question set scoring hit@5, MRR, LLM-as-judge quality, and refusal cases (0.85 hit@5, 0.90 judged, 5/5 refusals at ship), run by GitHub Actions on every PR and blocking merges below floor. Guardrails: similarity-threshold refusal gate with a sentinel response, rate limiting, and a daily spend cap.

EDUCATION

Associate of Science, Computer Programming · Augusta Technical College	Augusta, GA
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