

Logan Baugh

Design Engineer | UX Engineer | Frontend Developer

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Design Engineer

Design Engineer with 7+ years bridging visual design and frontend engineering — translating design concepts into accessible, performant, and highly interactive web interfaces. Graphic-design foundation (typography, color, and layout systems) paired with modern React and TypeScript tooling, plus an AI-native build workflow. Track record shipping gesture-driven UI, interactive SVG data visualizations, and audited WCAG-compliant experiences across enterprise web properties. Comfortable moving between Figma and the code editor and building end-to-end in code.

Skills

Languages: HTML5, CSS3, JavaScript (ES6+), TypeScript, SQL

Frameworks & Libraries: React, React Router, Astro, Node.js, Express

Styling & Design Systems: Tailwind CSS, Sass/SCSS, CSS Modules, CSS Grid, Flexbox, responsive/mobile-first, component libraries, design tokens

Design & Interaction: Figma, SVG, CSS animations & transitions, interaction & UI prototyping

Testing & Tooling: Jest, React Testing Library, Vite, Git/GitHub, CI/CD (GitHub Actions)

Accessibility: WCAG A / AA / AAA, SiteImprove

Work Experience

Brand Manager, Web & Digital Design

Trinity Group (formerly D&J Construction) | 2026–Present

- Own and manage a portfolio of 5 company web properties as the sole in-house design/web resource, pulling on hand-coding knowledge to extend and customize beyond template defaults.
- Designed and built a new marketing website from scratch in Webflow, translating brand direction into a responsive, on-brand web presence.
- Led the digital rollout of a full company rebrand across web and digital touchpoints, coordinating asset delivery and consistency of the new visual identity.

Frontend Developer — Web & Graphic Designer

Blue Cross Blue Shield Louisiana | 2020–2025

- Key contributor to **blueadvantage.lablue.com** (83,000+ monthly visitors), a Medicare marketing site running on frontend code I originally created for a sibling property; additional development on [bcbsla.com](#) and [primewellhealth.com](#), on a team of 3–4 developers.
- Drove audited accessibility improvements: **+23.63% SiteImprove score for Affinity Health** and **+16.45% for Monroe Surgical**, bringing both properties to or above the ~87 industry benchmark and achieving full WCAG Level A/AA compliance.
- Built complex interaction patterns from scratch, including a mega-menu navigation system and a gesture-driven mobile menu with swipe support for submenu navigation, hand-coded with vanilla JavaScript touch events.
- Designed and implemented an interactive SVG data visualization (Louisiana parish map) with stateful CSS hover/active interactions and a dynamic, data-bound sidebar — owning all visual layout, responsive scaling, and SVG implementation while integrating dynamic data with a collaborating developer.
- Lead frontend developer and UX/UI designer across 4 additional healthcare web properties ([myaffinityhealth.com](#), [monroesurgical.com](#), [vantagehealthplan.com](#), and others), owning design-to-deployment from concept through launch.
- Remediated WCAG issues across shared components, sitewide styles, and page templates — form labels, heading structure, font sizing, and color contrast — addressing AAA-level improvements where feasible.
- Contributed to and maintained a shared component and sitewide style system across multiple enterprise properties.
- Built mobile-first, responsive layouts using CSS Grid, Flexbox, and modern CSS across all properties.
- Partnered with backend developers throughout the lifecycle, translating technical requirements into intuitive, accessible interfaces.

Senior Graphic Designer

Century Marketing Solutions | 2018–2019

- Built responsive websites for local and enterprise clients including CenturyLink and Unilever as part of a 2–3 person frontend team.
- Contributed to an internal employee-wellness web app for Unilever featuring real-time message display with CSS-driven animations.
- Applied corporate brand guidelines across print and digital deliverables for a diverse client portfolio.

Web & Graphic Design Coordinator

Vantage Health Plan | Monroe, LA | 2016–2018

- Led responsive redesigns of vantagehealthplan.com (50+ pages) and myaffinityhealth.com (20–30 pages), self-teaching HTML, CSS, and Bootstrap to convert static sites to fully mobile-responsive properties ahead of Google's mobile-first indexing rollout.
- Rebuilt page structure and UI for both properties, modernizing the visual design while preserving existing content and architecture.
- Introduced JavaScript and jQuery interactivity as part of a 2017 redesign, improving UX and frontend maintainability.

Graphic Designer

Vantage Health Plan | Monroe, LA | 2013–2016

Graphic Designer

Alliance One Advertising | 2012–2013

Projects

Fox Family Electric — Marketing Website (*live*)

Astro, Netlify, GitHub Actions, Tailwind CSS, TypeScript Designed and built a production marketing site for an electrical-contracting business, from visual design through deployment. Implemented a full CI/CD pipeline (GitHub Actions for CI, Netlify Deploy Previews as staging, branch protection on `main`) and a comprehensive on-page SEO strategy including optimized title tags, meta descriptions, and NAP consistency auditing. foxfamilyelectric.com

Zapmath — Voice-Controlled Math Game (Web + iOS) (*live*)

React 19, TypeScript, React Router, Vite, Vitest, Capacitor, Swift A voice-first flashcard game for kids to practice addition facts — answered by speaking aloud, solo or two-player on a

single device. Engineered a privacy-first speech-recognition layer that keeps all audio on-device across three engines (Chrome's on-device model, Safari's Web Speech API, and a custom native Swift plugin wrapping SFSpeechRecognizer via Capacitor), with graceful fallback to typing and browser/OS detection made unit-testable through a pure-function design. Built on a strictly layered architecture — unit-tested pure logic (Vitest) beneath domain hooks and thin view components — with accessible CSS keyframe animations and full `prefers-reduced-motion` support. Developed AI-native using Claude Code with a maintained `CLAUDE.md` context file, a roadmap-driven workflow, and a custom verification skill. [zapmath.app](#) · [GitHub](#)

Amazin' — Shopping Cart SPA

React, React Router, React Testing Library, Jest, Fetch API, Netlify Full-featured mock e-commerce app with multi-page routing, real-time cart state management, and live product data from the FakeStore API. Includes quantity controls, dynamic navbar cart count, and an order-summary cart page. Tested with React Testing Library and deployed as a SPA with client-side redirect configuration. [Live Demo](#) · [GitHub](#)

Drivebox — Full-Stack File Storage

Node.js, Express, PostgreSQL, Prisma ORM, Supabase Storage, Passport.js, Railway A Google Drive-style file storage app with user authentication, folder management, and cloud file persistence. Features registration/login with hashed passwords, folder CRUD, cloud uploads via Supabase, per-user data scoping, and sessions persisted in PostgreSQL. Deployed to Railway with a custom-designed UI. [Live Demo](#) · [GitHub](#)

Education

Bachelor of Fine Arts, Communication Design Louisiana Tech University | 2008–2012