Matt Whalley

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Design Engineer

I am focused on building scalable design systems & calm, accessible interfaces. On paper, I'm a frontend engineer — but my strength is translating design vision into durable, usable products.

My approach is quiet but intentional: collaborative, systems-minded, and grounded in real-world usability. I'm looking for a remote-friendly team that values depth, quality, and long-term product health.

EXPERIENCE

Lead UX/UI Developer, CAQH   2022 - Present

Improved usability and accessibility across enterprise apps through domain-driven redesigns
Reduced design/development inconsistencies ~30% by modernizing frontend with a design system
Boosted adoption and trust with user-centered rebrand, MFA rollout, and platform upgrades
Lowered defect rates and technical debt by developing performance-focused frontend strategies
Accelerated design-to-dev handoff using tokens, standards, and MCP servers for UI code generation

Senior Designer & Developer, Broward County Government   2014 - 2022

Expanded reach and ensured WCAG compliance by delivering accessible public services
Cut delivery timelines 25% and improved cohesion with a county-wide design system
Increased satisfaction scores by streamlining workflows via user-centered design methods
Reduced support needs by training 100+ staff in accessibility and CMS best practices
Strengthened collaboration and quality by mentoring cross-team designers and developers
Expanded accessibility to non-English speakers by implementing AI translation service

Graphic Designer, Broward College   2014

Drove 15% increase in student enrollment through rebrand and marketing campaigns

Creative Cloud Representative, Adobe   2014

Contributed to record Creative Cloud adoption via social media and grassroots outreach

SKILLS

Frontend	HTML, CSS, JavaScript, TypeScript, React, Next.js, Component Libraries
Design	Figma, Sketch, Adobe Creative Suite, UI Design, Design Systems, Design Tokens
Accessibility	WCAG 2.1/2.2, WAI-ARIA, Inclusive UX, Interaction Design, Motion Design
Tooling	Git, Docker, NPM, Vite, Webpack, Rollup, ESLint, CI/CD Pipelines
Testing	Storybook, Jest, React Testing Library, Playwright, Puppeteer, Axe, Lighthouse
APIs	REST, GraphQL, Node.js, API Integration, Server Rendering, MCP (AI Integration)
Collaboration	Agile (SAFe), Jira, Cross-functional Collaboration, Documentation, Mentorship

EDUCATION

BA in Psychology & Technology – Florida International University	2019
AS in Graphic Design – Broward College	2014

CERTIFICATIONS

Azure AI Engineer Associate Certificate – Microsoft	2024
Interface Design Certificate – Shift Nudge	2022
Foundations of UX Design Certificate – Google	2021
Mobile Web Specialist Nanodegree – Udacity	2018