
Principal / Staff Product & Design Engineer

Technical Leadership • Cross-Functional Leadership • Product Design & Development • Roadmap Planning & Strategy
Figma • Design Systems • Component Libraries • Rapid Prototyping • UX & Usability • Animation & Motion • B2B SaaS
Semantic HTML • CSS • TypeScript • React • Vue • Node.js • Next.js • Full-Stack • SDLC • REST APIs • RPC • GraphQL • CI/CD
Agentic AI Development • Front-end Architecture • GitHub Actions • Cypress/Playwright • Vitest/Jest • MSW

HIGHLIGHTS

- **20+ Years combined experience** in Web / Product / UX / UI Design and Engineering
- Won **Do The Right Thing** award at Living Security for **Navigating Tricky Product Stakeholder Feedback**
- Won **Engineer of the Quarter** at CyberGRX for successfully Coordinating Team on Custom MFA Solution
- **Mentored 15+ Engineers & UI Designers**, conducting Design & Code Reviews, Elevating Standards
- **Cut the need for additional Design Iteration Cycles ~80%** during engineering implementation phases
- **Reduced Front-end Cycle Time ~50%** adopting TypeScript, Tailwind CSS, and TanStack Libraries
- **Reduced Build Times ~70%** adopting Vite build tooling in multiple codebases
- Created and/or maintained **3+ custom Design Systems** with Tailwind CSS, Storybook, NPM packages, Monorepos
- Migrated large Twin.Macro codebase to Tailwind v4 with **exceptional accuracy** for AI-readiness
- Created in-house UI Prototyping Framework for **5+ monolithic design contracts**, lacking cloud options
- Built PDF Report Generator for fintech clients to cut manual editing for **40+ person design team, saving hours**
- Implemented Platform-Wide MFA, **securing 100% of user accounts** & meeting Enterprise Compliance
- Designed & built UI & Data Contracts for Global Filtering System, **leading to widespread praise from customers**
- Designed & built Workflow Orchestration UI, **enabling automation for 200+ customer SaaS product**
- Built open-source Electron app to Compile Sprites for **50+ person design & ads teams, saving hours on each ad**
- Wrote open-source Client-side Collection Filtering Library Spotr, **reducing dev time ~80%** for common use cases

KEY SKILLS

- **Technical Leadership** – Guided & mentored 15+ engineers & designers fostering code & design quality standards
- **Cross-Functional Leadership** – Partnered with Product & Design to align vision, scope, and roadmap delivery
- **Front-end Architecture** – Defined front-end SDLC, code standards, and scalability for rapidly evolving products
- **TypeScript/React** – Masterful use of the language and framework (and similar frameworks)
- **Full-Stack** – Built lightweight REST APIs & RPC using Next.js & Convex, tying data models & contracts to user interfaces
- **CI / CD** – Added E2E test coverage to existing codebases, established and maintained checks & deployments to production
- **Design Systems** – Built custom design systems & component libraries from the ground up
- **Animation & Motion** – Used CSS transitions & GSAP for rich interactive experiences
- **UX & Usability** – Identified gaps & side effects in user interfaces with primary focus on user needs and common misses
- **Design Consultation** – Provided feedback addressing quick needs & aligning to existing patterns
- **B2B SaaS Mindset** – Customer-focused product design & development in startup environments

TECHNOLOGIES & APPLICATIONS

Engineering

- TypeScript, React, Vue, Svelte, Astro, Vanilla DOM, Tailwind CSS, Node.js, Bun, Deno, Vite, TanStack Start, TanStack Query, TanStack Table, GSAP (Green Sock), Framer Motion, CSS Transitions & Animations, Design Systems, Styled Components, Shadcn, Storybook, React Email, Electron
- Cloud: Vercel, Netlify, Cloudflare, Convex, Next.js, TypeScript REST APIs, RPC, Auth0, AWS Cognito, JWT Auth
- SQLite & PostgreSQL with Drizzle / Prisma ORMs, Data Modeling & UI Contracts
- GitHub, GitHub Actions, CI/CD, Vitest, Jest, Cypress, Playwright, Mock Service Worker (MSW)
- LaunchDarkly, Feature Flags, DataDog, Contentful, Headless CMS Systems
- Agentic AI Development, Cursor IDE, Claude Code, Kilo Code
- Atlassian Jira, Agile Methodologies, Scrum, Kanban

Design & UX

- Figma, Adobe Creative Suite, Photoshop, Illustrator, InDesign, Sketch App, Canva Affinity, Excalidraw, tldraw, Miro
- Napkin Sketching to Code, Rapid Prototyping, PDF Creation, Diagramming Systems
- Visual Design Mockups, Usability, Accessibility

EDUCATION

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| • BFA Graphic Design / Summa Cum Laude Rocky Mountain College of Art + Design Denver, CO | 2013 |
| • AA Liberal Arts / Youth Ministry & Communication Colorado Christian University Denver, CO | 2010 |

EXPERIENCE

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| • Principal UX / UI / Software Engineer – Living Security | 2021–2026 |
| • UX / UI / Software Engineer – CyberGRX (now ProcessUnity) | 2019–2021 |
| • Senior UX / UI Designer & Engineer – IHS Markit Digital (now Communify) | 2013–2019 |