

Tyler Manion

UX Engineer | UX Designer

Hybrid UX Engineer combining technical expertise with empathetic design for 5+ years. Architected design systems used by 90+ developers, led UI redesigns, and integrated design tokens, component libraries, and automated testing. Experienced in building human-centered tools for public-interest and high-impact domains.

WORK EXPERIENCE

biBerk - by Berkshire Hathaway

UX Designer

05/2023 – Present

- Led the development of a cross-framework design system spanning 100+ components used in 6 enterprise web apps, improving consistency and reducing duplicated UI logic across 90+ engineers.
- Reduced design-to-development turnaround by 40% through a Figma-to-code token system and streamlined handoff workflows.
- Cut frontend bundle size by 85% through tree-shaking, code-splitting, and custom build tooling.
- Improved build pipeline speed 15× by implementing custom CI/CD pipelines and caching strategies.
- Conducted user interviews, created journey maps, and prototyped new billing tools, reducing task time for 600+ monthly users and increasing satisfaction scores.
- Designed the company's new logomark as well as other designs during a brand refresh

HTI Labs

Frontend Developer

09/2020 – 01/2023

- Designed and built reusable applications for investigative and support tools used by anti-trafficking professionals, applying trauma-informed design principles and a strong user privacy ethos.
- Conducted user interviews, did competitive analysis, created mockups, and presented designs and research to critical stakeholders
- Led frontend development for two mission-critical platforms supporting anti-trafficking efforts, used by investigators and caseworkers in high-risk scenarios.
- Iterated quickly in a tight agile environment, seeking out and incorporating user feedback for rapid improvement.

University of Nebraska

IT Student Staff

06/2018 – 05/2020

- Prototyped a provisioning and deployment method for 200+ workstation, ensuring a consistent and quality experience for students and teaching staff.
- Solved user issues through in-person troubleshooting sessions, helping with workflows, presentations, and media creation.

CONTACT

- Yonkers, NY
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- tylermanion.xyz

SKILLS

UX Engineering & Design Systems

- Design Tokens & Tokens Studio
- Storybook / Chromatic
- Figma
- Accessibility (WCAG)
- Zeplin
- Style Dictionary
- Component Libraries

UX & Research

- User Interviews
- Journey Mapping
- Prototyping
- FullStory Analytics
- Wireframing

Frontend Development

- JS/TS
- HTML/CSS
- React
- Node
- Angular
- Python
- Data Visualization

CMS

- Contentful
- Umbraco

Tooling & Devops

- CI/CD Pipelines
- Github
- NX Monorepos
- NPM
- Performance Optimization
- Visual Regression Testing

EDUCATION

University of Nebraska Omaha

B.S. IT Innovation

Emphasis in Graphic Design
Omaha, NE— 05/2020