

Michael Puckett

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Senior UX Engineer

Creative technologist with extensive experience building for the web platform.

Focused on crafting accessible, user-friendly digital products and tools.

Skills

- HTML/CSS
- JavaScript
- TypeScript
- React/Next.js
- Web Accessibility
- AI/LLM integration
- Design Systems
- Systems Thinking
- Lit.js, Vue.js

Experience

Freelance, Software Engineer – Remote

January 2024 - Present

- Engineering scalable web apps for startups using React, Next.js, and TypeScript, with a focus on performance, maintainability, and seamless user experiences.
- Integrating AI-driven capabilities including intelligent suggestions, personalized recommendations, and dynamic content generation, leveraging embeddings and large language models.

Google, UX Engineer – Remote

May 2021 - December 2023

- Developed production web interfaces with clean, efficient, and maintainable TypeScript code, optimizing for performance and scalability.
- Subject Matter Expert (SME) for accessibility compliance, championing inclusive design principles and ensuring that UIs met or exceeded WCAG standards.
- Played a pivotal role in the successful launch of the belonging.google domain.
- Architected coding scaffolds to simplify the creation of new projects.

LiveSchool, UI Architect – Remote

August 2018 - May 2021

- Leveraged Vue 2 to build features for both web applications and web-based mobile apps, ensuring seamless user experiences across platforms.

Humana, Web Developer – Louisville, KY December 2016 - July 2018

- Built a library of accessible Vue 2 components for one of the nation's largest health insurance companies.

Apple, UI Engineer – Cupertino, CA October 2013 - June 2016

- Built interfaces to support product launches and transactions on Apple.com.
- Led a successful project to harmonize competing corporate design systems and implemented a unified SCSS library.
- Prepared coding guidelines for use by large engineering teams.
- Directed offshore teams to implement core tools and libraries.

CNN, Senior Web Developer – Atlanta, GA April 2013 - October 2013

- Helped to re-platform CNN.com from Java to Node.js, improving feature velocity and resulting in more ergonomic and maintainable code.
- Created a responsive SCSS library for many possible page layouts.

iostudio, Frontend Developer – Nashville, TN January 2012 - April 2013

- Built client marketing websites and web apps for clients in an advertising agency environment.
- Implemented the first responsive redesign of NationalGuard.com.

Education

Western Kentucky University – Bowling Green, KY

Bachelor of Arts, Interactive Advertising with Graphic Design minor