

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
- Web Accessibility
- Design Systems
- React/Vue/etc.
- Web Components
- Systems Thinking

Experience

Freelance, Software Engineer – Remote

January 2024 - Present

- Building websites and apps for agencies and startups, using tools such as React/Next.js and TypeScript.

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

- Collaborated closely with designers and stakeholders to craft architectural artifacts, including detailed documentation, diagrams, and timelines, ensuring alignment with project goals and requirements.
- Leveraged Vue 2 to build features for both web applications and web-based mobile apps, ensuring seamless user experiences across platforms.

- Debugged existing performance issues and implemented performance-friendly components, including an infinite scroll view that recycled DOM elements.
- Integrated Firebase for authentication and real-time changes that reflected immediately across open tabs and devices.

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.
- Responsible for evaluating React and other frameworks, leading to the decision to go with Vue 2.

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