Trillium Smith | Frontend Software Engineer

✉ Trillium@trilliumsmith.com 📞 818.738.5344 🌐 www.trilliumsmith.com

Career Summary

Experience	4+ years building and owning production web applications with a focus on front-end technologies, accessibility, and developer experience. Specialized in creating scalable, efficient, and user-friendly systems for high-traffic platforms.
Skills and Languages	Expertise in building fast, accessible, and intuitive web applications using React, TypeScript, and Next.js. Skilled in collaborating with cross-functional teams to deliver high-quality, scalable solutions. Proficient in JavaScript, TypeScript, Python, HTML, and CSS.

Professional Experience

Lead Frontend Engineer   Oct 2022 - Present
HackForLA
- Led the migration to modern front-end frameworks, improving performance and scalability for high-traffic applications using React.js, including Hooks and Context API.
- Collaborated with cross-functional teams, including designers using Figma, to design and implement reusable UI components, ensuring consistency and accessibility across projects.
- Built and consumed RESTful APIs, integrating with SQL (PostgreSQL) and NoSQL (MongoDB) databases to support scalable data handling.
- Enhanced team collaboration by introducing code quality tools (linting, reviews, shared configs) and supporting remote onboarding workflows.
- Modernized the stack with React, Vite, and Vitest; implemented testing strategies using Jest and Cypress to ensure maintainability.

Frontend Engineer   Jul 2021 - Present
TS Consulting
- Developed and optimized front-end systems for diverse clients, focusing on performance, user experience, and accessibility.
- Diagnosed and resolved layout, CSS, and plugin issues in custom WordPress themes inherited from prior developers, restoring site functionality and improving visual consistency for small business clients.
- Built and consumed RESTful APIs to integrate front-end systems with NoSQL databases (MongoDB), ensuring scalable and efficient data handling.
- Addressed UX and layout issues for a legacy PHP coaching platform, improving site usability and content delivery for end users.
- Introduced testing strategies using Jest and Cypress to ensure high code quality and maintainability.

Projects

Flossy   Live Site
- Translated client vision into a fully responsive, production-ready website.
- Collaborated closely with clients during revisions, translating feedback into precise UI changes without compromising UX or responsive behavior.

Massage Therapy Booking Application   GitHub · Live Site
- Built a serverless booking app with Next.js, Tailwind, TypeScript, Redux, and Google Calendar integration.
- Designed around real-world constraints for solo practitioners and flexible appointment management.

Talon Voice Hands-Free Accessibility Suite
- Configured Talon Voice, a Python-based accessibility system, for hands-free coding and navigation for developers with limitations.
- Developed scripts to extend Talon Voice functionality, improving workflow efficiency and accessibility for voice-driven coding.
- Shared configurations and best practices with the Talon Voice community to enhance Python-based voice automation.
- Advocated for tech accessibility by demonstrating Talon Voice integrations at events and through public speaking.

Voice Accessibility Speaking   Video Link
- Presented a live demo of voice-driven development with Talon Voice and open-source tools like Cursorless, focusing on accessibility and sustainable workflows.
- Advocated for accessibility in tech through public speaking, live demos, and community education on voice-driven development.