Cody WIlson

Frontend Engineer – Vue.js | TypeScript | UI Craftsmanship

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Self-taught Frontend Engineer with 8+ years of building high-performance, accessible Vue.js/TypeScript applications that elevate user experience. Led large-scale Vue migrations, architected reusable component libraries, and mentored cross-functional teams in both enterprise and startup environments. Seeking a fully remote role where I can drive UI excellence and developer experience.

SKILLS

Frontend
Vue.js, Vite, TypeScript, JavaScript, HTML, CSS/SCSS, React, TailwindCSS, Bootstrap, Web Accessibility, Cypress, Vitest

Backend/APIs
Node.js, PHP, Drupal 8/9, WordPress, Ruby on Rails, SQL, Twilio API

Design & UX
Figma, UI/UX Design, Semantic HTML, Responsive Design, WCAG Compliance

Soft Skills
Remote collaboration, Technical mentorship, Time management, Client communication, Cross-functional teamwork

Tooling & DevOps
Git/GitHub, AWS, CI/CD

PROFESSIONAL EXPERIENCE

Software Engineer III, *Thermo Fisher Scientific (via Insight Global)* 08/2023 – present
Remote

- Spearheaded migration of 1,000+ Vue 2 Single-File Components to Vue 3 + Vite, slashing CI build times by 83% (60 s→5 s) and removing 30K+ lines of legacy code
- Designed and launched a WCAG-compliant Vue component library with schema-driven forms and dynamic, extensible data tables that accelerated new feature delivery by 30%
- Engineered high-performance UI modules in Vue.js, TypeScript, SCSS, and PHP, improving initial page load speed by 15%
- Elevated test coverage by leading the initial integration of Vitest (unit/component)
- Co-developed a GeneAI product-matching tool that placed 2nd out of 100+ submissions in our 2024 Generative AI Innovation Challenge
- Built a bulk SKU lookup utility, saving staff over 500 hours of manual research time annually
- Authored comprehensive frontend standards and documentation and mentored fellow engineers regarding web accessibility, UI/UX best practices, and industry-standard Vue development patterns

Software Engineer, *Sonar Software* 01/2022 – 07/2023
Remote

- Designed and engineered scalable Vue 2 + TypeScript UIs for a multi-tenant ISP management SaaS using a Laravel/GraphQL backend with end-to-end type-safety
- Developed and optimized a technician scheduling calendar UI (Figma→Vue), reducing dispatcher context switches by 25%
- Partnered with UX/CX teams to validate interface concepts, increasing user satisfaction scores by 15%
- Elevated end-to-end test coverage by 50%+ with Cypress, cutting production bug rates by 30%
- Integrated various vehicle tracking services within our MapBox/DeckGL-based map UI to give dispatchers visibility into the location and workflows of their technicians

Drupal Developer, *Elevated Third* 10/2021 – 01/2022
Remote

- Built 5+ custom Drupal 8/9 sites using PHP, Twig, SCSS/LESS, and JavaScript/jQuery, delivering projects on time and under budget
- Developed a custom dynamic financial-services calculator module, increasing user engagement by 20%
- Researched and prototyped headless alternatives (React, Gatsby, ContentStack) to streamline future builds
- Delivered simultaneous website builds in small (2–3 person) teams, consistently meeting tight deadlines in collaboration with UI/UX teams

Full Stack Software Developer, *Flows.ai* 03/2021 – 10/2021
Remote

- Led research, UI/UX design/prototyping, and implementation of new frontend feature development in an agile start-up team
- Architected and delivered key workflow-automation features (Vue 2→3 migration, SCSS, Rails API, AWS Lambda/API Gateway), driving a 15% increase in user task throughput
- Spearheaded a UI redesign of 20+ screens in Figma, including an accessible and dynamic onboarding flow and modern drag-and-drop workflow builder
- Partially migrated a monolithic Rails/Hotwire frontend to decoupled Vue 3 + TailwindCSS, improving developer productivity

- Built custom Twilio Flex plugins (React class components) and AWS-based integrations with Lambda & Step Functions

Full Stack Software Developer, *Tangent Digital* 09/2016 – 03/2021
Scottsdale, AZ (Hybrid)

- Delivered full-stack web applications using PHP/Drupal, HTML, CSS/SCSS for small businesses to multi-site education systems, increasing client retention by 20%
- Developed a custom Drupal LMS for a $25M IT-training company, reducing vendor costs by $500K/year
- Built a multi-site Drupal implementation for Arizona's largest community-college system (10 colleges)
- Created internal UI libraries in both Drupal and Vue.js, standardizing design/dev practices across projects
- Led project scoping, prototyping, UI/UX design, development, and client training as the sole technical lead on 90% of engagements