

# Trillium Smith

## Software Engineer

Software Engineer driven by the desire to create impactful tools, resources, and websites that remove obstacles for creative people, enabling them to fully embrace their creativity and artistic expression.

### PROFESSIONAL EXPERIENCE

#### Lead Software Engineer

Oct 2022 - Present

HackForLA, Los Angeles, CA

- Modernized application codebase by transitioning from Create React App to Vite, resulting in a 20% increase in development efficiency.
- Improved developer productivity by streamlining UI/UX consistency through the implementation of the Material UI CSS framework.
- Introduced code styling guidelines to raise code quality, which streamlined code reviews and strengthened team-wide collaboration.

#### Software Engineer

Jul 2021 - Present

TS Consulting, Los Angeles, CA

- Developed and managed a comprehensive e-commerce platform using WordPress, ensured seamless functionality and ongoing site maintenance.
- Resolved UI/UX challenges for a web-based coaching and educational program, enhancing user experience and platform usability.
- Designed and implemented a check-in kiosk system for an event-based service company, improving operational efficiency for in-person services.

### PROJECTS

#### Mobile Professional Booking Application

[Github](#) - [Live Site](#)

- Clients can see accurate availability and book appointments. Therapists can accept/deny appointment requests, manage general availability and create location-specific sub-events. Minimum booking time can be reduced based on distance between therapist and client booking location.
- Built using Next.js, Tailwind, TypeScript, Redux, Google Calendar API.

#### SEO Keyword Optimizer

[Github](#) - [Live Site](#)

- Lightweight keyword tracking app that provides users with a real-time count of keywords in their articles. Designed to help writers stay on top of their keyword usage for better SEO and content optimization.
- Built using React, Material UI.

#### Spoken Form Test Case Visualizer

[Github](#) - [Live Site](#)

- Developed a Cursorless Test Case Visualizer that generates HTML output, using Shiki for syntax highlighting generated directly from existing test case .yaml files.
- Enhanced developer experience with intuitive, visually-rich HTML outputs, speeding up the learning process for the visual programming Cursorless VSCode extension.

### CONTACT

Los Angeles, CA

(818) 738 - 5344

[trillium@trilliumsmith.com](mailto:trillium@trilliumsmith.com)

[linkedin.com/in/trilliumsmith/](https://linkedin.com/in/trilliumsmith/)

[github.com/trillium](https://github.com/trillium)

[trilliumsmith.com](https://trilliumsmith.com)

### SKILLS

#### Front-End Technologies

React.js  
Next.js  
Vite  
Tailwind CSS  
Material UI  
Redux

#### Back-End Technologies

Node.js  
Express.js  
Flask

#### Testing

Jest  
Selenium  
Pytest

#### Container Orchestration

Docker  
Kubernetes

#### Infrastructure & CI/CD

Amazon Web Services (AWS)  
Git  
GitHub Actions

#### Validation & Form Handling

Formik  
React Hook Form  
Zod  
Yup

### EDUCATION

College of the Redwoods

2016