

KANAI ANDERSON

Front-End Engineer | Web Applications | WCAG 2.1 AA Accessibility | Web Platform Modernization
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PROFESSIONAL SUMMARY

Front-End Engineer with 6+ years of experience building and modernizing public-sector and regulated web applications. Drove full WCAG 2.1 AA compliance under DOJ-mandated standards across three county websites and led rebuilds of public-facing platforms serving 30,000+ monthly users. Strong in JavaScript (ES6+), React, Tailwind CSS, component-based architecture, large-scale legacy refactoring, and performance optimization, with a focus on accessibility, reliability, and maintainability.

CORE SKILLS

JavaScript (ES6+) | React.js | HTML5 | CSS3 | Tailwind CSS | PHP | WordPress (Custom Themes & Plugins) | Responsive Design | UI / UX Development | Component-Based Architecture | Front-End Architecture | Web Accessibility | WCAG 2.1 AA | ADA / DOJ Compliance | Performance Optimization | Codebase Refactoring | Legacy Modernization | Cross-Browser Compatibility | REST APIs | Axios | Git | Jira | Staging-to-Production Workflows | Technical Documentation

PROFESSIONAL EXPERIENCE

Front-End Developer | Alameda County, District Attorney's Office Jun 2023 - Present

- Build responsive, accessible, high-performance web applications using HTML5, CSS3, JavaScript (ES6+), React, and Tailwind CSS, with a strong focus on UI/UX and component-based architecture.
- Led multiple full rebuilds of the District Attorney's public-facing websites (135+ pages, ~30,000 monthly users), modernizing legacy architecture while driving WCAG 2.1 AA compliance under DOJ-mandated standards.
- Raised accessibility from below WCAG A to full WCAG 2.1 AA across three county websites (District Attorney, Family Justice Center, Grand Jury) using Siteimprove auditing and structured remediation workflows.
- Refactored legacy systems exceeding 20,000 lines of code, including a password-protected membership platform serving 5,000+ district attorneys and law enforcement professionals nationwide, reducing the codebase by roughly 30%.
- Improved load performance by up to 30%, reduced production defects, and implemented staging-to-production workflows for release stability.
- Customized WordPress themes and plugins with PHP, JavaScript, React, HTML, and CSS, integrating front-end interfaces with internal county systems.

Software Developer | Yolo Technologies Jan 2020 - Jul 2023

- Developed responsive user interfaces using React.js, JavaScript (ES6+), and Tailwind CSS, ensuring cross-device compatibility and adherence to accessibility standards.
- Integrated dynamic content via REST APIs and Axios, enabling real-time data rendering and an improved user experience.
- Debugged UI issues, optimized performance, and monitored usage patterns for data-driven improvements.
- Collaborated in Agile sprints with product, design, and QA teams to turn requirements into modular, reusable components, using Git, Jira, and SQL.

EDUCATION

B.S. in Computer Science, California State University, East Bay | Graduated 2024

CERTIFICATIONS

CompTIA CySA+ (ce), Cybersecurity Analyst | Issued May 2026, Expires May 2029

TOOLS AND TECHNOLOGIES

JavaScript (ES6+), React, Tailwind CSS, HTML5, CSS3, PHP, WordPress, REST APIs, Axios, Git, Jira, Chrome DevTools, Siteimprove