

Kagan D. MacTane

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Experienced frontend engineer who creates usable, flexible, efficient, and enjoyable user interfaces and experiences that make users happy. Collaborates with stakeholders from design to business to back-end, guiding a team to build software people love to use.

Professional Experience

Senior Front-End Web Developer, Tock: June 2025 – March 2026

Senior front-end engineer on complex B2B and B2C app handling reservations at restaurants, bars, wineries, and other venues.

- Created new React/TypeScript components and updated existing ones, adding functionality and ensuring adherence to design. Converted existing ReduxForm components to Formik.
- Updated Storybook documentation during my onboarding process. Worked with design department to clarify and improve existing design library items, and to ensure finished code conformed to web standards.
- Pruned unused and fully-launched feature flags.

Senior Engineer, NBC Universal: September 2024 – May 2025

Senior front-end engineer on multi-function teams (front-end, content, design, product, and QA) handling websites and mobile apps for various news and entertainment properties (CNBC, MSNBC, the Today Show, etc.).

- Enhanced and updated various existing React components across multiple repositories. Wrote automated tests to ensure code quality; participated in code reviews of pull requests for my own team and others.
- Coordinated with content management personnel to agree on data structures and APIs for calling front-end components.
- Upgraded tooling to allow developers to more easily work across multiple repositories at one time. Updated documentation to make onboarding smoother for new hires.
- Advocated for increased accessibility in our products and code, and served as a resource on ways to do so.

Front-End Web Developer, Scholastic Inc.: October 2022 – December 2023

Senior front-end engineer on cross-functional (front- and back-end, business, design, QA and devops) teams improving the user experience for Scholastic's core customers: teachers and students.

- Led front-end development on version 2.0 of our React/TypeScript design library. I advised the project manager on how the project should be structured, found ways to encourage input from other engineers across the business, and determined the optimal components to begin development with. After moving on to other projects, I continued to improve the shared library in collaboration with UX/Design and Platform Experience teams.
- Updated core Scholastic UI for elementary school web-based e-reader to be responsive and work on the wide variety of devices found in classrooms. This was coded using React, Sass, and modern CSS3.
- Implemented product UX refresh to make it easier for teachers to subscribe to Scholastic classroom tools and make them available to their students.
- Took initiative to make components and products more accessible. Educated designers and developers on accessibility best practices, making our products more usable and compliant with relevant law.
- Wrote automated tests to ensure code quality and test coverage. Participated in code reviews of my own and others' code, including giving mentoring and best-practice advice to junior engineers.

Software Engineer 3, TrueCar, Inc.: January 2022 – August 2022

Senior front-end engineer focused on the user checkout and credit application phases of the buying process.

- Added new React/TypeScript components to user-facing pages in established codebase and web app. Migrated existing components from using REST+Redux to GraphQL.
- Wrote and updated Jest tests to ensure code quality in CI/CD environment; performed code reviews.

Web Developer 5, Wells Fargo: March 2014 – December 2021

Senior front-end developer on our site's public-facing sections. Duties included mentoring junior engineers, building and owning tools used for development across the website, and coordinating with internal and external stakeholders.

- Mentored junior engineers, advising them on issues of code design, architecture, and UI/UX.
 - Managed junior engineers on 6-month project. Removed obstacles, facilitated a good working environment. Liaised between engineers and stakeholders as requirements were developed.
 - Acted as a subject matter expert on the Wells Fargo codebase and processes for incoming developers, helping them onboard as they worked on features and bug fixes.
- Developed customer tools and website features using Wells Fargo's in-house React/Redux-based framework, including a multi-step SPA tool for finding customised mortgage loan rates. Used and created class-based React components.
- Architected and implemented a new standard page component for mobile and desktop marketing use.
 - Implemented code in low-dependency JavaScript (using only jQuery) to ensure compatibility with legacy, non-React pages.
 - Applied a new, interactive visual appearance that made better use of an existing CMS component.
 - Built component with maximum flexibility, ensuring that it would render gracefully with other Wells Fargo and external components and with any fields omitted by content authors. Performed extensive testing to avoid regressions related to component interactions.
- Was part of architecture team, and lead developer, for a service allowing outside merchants to make branded, white-label store credit cards available to customers on their own sites.
 - Developed in low-dependency JavaScript, requiring only jQuery and Bootstrap, to make adoption easier for the widest range of clients.
 - With a simple configuration, the service populated a div on the merchant's site with a UI that led users through a credit card application and returned results.
 - The UI was customisable to fit with the merchant's site appearance.
- Used knowledge of design in product creation and implementation.
 - Created designs and prototypes for new product offerings in Figma and InVision. Worked with product managers to create and refine prototypes to demonstrate improved product experience.
 - Presented prototypes to major stakeholders. Exceeded expectations for the breadth and completeness of prototype features, as well as for their clarity, flexibility, and ease of use.
- Advocated for accessibility, usability, and users' interests in the design and implementation of products and features. Collaborated with designers and product managers to suggest and implement improvements.

Web Developer 4, Wells Fargo: August 2010 – March 2014

Front-end developer on the public-facing sections of the bank's site. Duties included building and owning tools used for development across the website.

- As lead developer on site-wide redesign, wrote a library of reusable, dynamic components used across public-facing portions of the site. This became the core of Wells Fargo's in-house framework for public-facing pages for the next 5-8 years.
 - Represented front-end dev in design and planning meetings with 3rd-party design consultancy and other stakeholders, where I advocated for best practices in coding, design, and accessibility.
 - Implemented reusable components in semantic HTML5, CSS and JavaScript based on the agreed-upon visual designs, including page elements such as carousels, show/hides, and modal popups.
 - Implemented shared functionality for tasks such as URL manipulation and parsing, detecting browser feature support, and handling errors.
- Championed and implemented good coding practices to make our site more accessible and robust. Created components for Wells Fargo's in-house framework that met WCAG standards for accessibility.

Skills

Core: HTML, CSS, JavaScript, ES6, REST APIs, accessibility, usability/UX

Proficiencies: React.js, TypeScript, JSX, Vite.js, Next.js, Git, Node.js, ARIA, React Testing Library/RTL, Jest, Enzyme, Storybook, GraphQL, GitHub, BitBucket, Mongoose, Mongo/MongoDB, Express.js, MERN stack, VS Code, ESLint, Figma, Highcharts, geolocation, Leaflet API, Bash shell, Linux/Unix, PHP, Ruby, Ruby on Rails, Perl