

Alan Eicker

Software Engineer | Front-End | Chicago, IL

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Accomplished front-end focused software engineer with extensive experience delivering user experiences that are responsive, accessible, and scalable. Driven to learn with a focus on current technologies, leadership, and mentorship. Key contributor in delivering several React component libraries at Allstate Insurance, which resulted in more consistent, less bug-prone applications, and helped reduce overall development time and costs.

Core Skills

Front End: HTML, CSS, JavaScript, TypeScript, React, React Native, Redux, Jest, React Testing Library, Apollo Client

Back End: Node.js, Express, SQL, MongoDB, GraphQL

CI/CD: Azure DevOps, GitHub Actions

Domains: Investing, Restaurant, Real Estate, Insurance, Law

Professional Experience

McDermott Will & Emery • Chicago, IL

Senior Software Engineer - Front-End • October 2017 - Present

- Drove the initiative to implement a front-end testing solution for the company's applications. This included setting up all applications with Jest and React Testing Library, documenting testing best-practices, and coaching the front-end team on the new testing processes and best practices.
- Implemented a CI/CD workflow for automating unit tests, builds, and deployments. This workflow automated many tasks that were originally handled manually, thus resulting in a more streamlined and efficient delivery process.
- Worked with the development team to refine the process for the development task lifecycle. This included developing a standard process for deploying features to staging to be tested by QA, reviewing pull requests, and strategies for regular and time-sensitive merges into the production code base.
- Actively worked with the recruitment team to screen and interview candidates for open front-end roles.

Allstate Insurance Company • Northbrook, IL

Lead Software Engineer - Front-End • March 2017 - September 2023

- Led the codebase rewrite of an internal firewall management application in React 18 and Redux, resulting in improved scalability, maintainability, and user experience.
- Collaborated with another engineer to build a project generator tool, which converted Sketch JSON into exportable React projects, resulting in increased development speed and time to market.
- Led the development of a proof of concept for a standardized payment UI consisting of a series of React components allowing users to save various payment methods such as credit cards, ACH and Zelle.
- Piloted the Online Sales front-end team of 4 engineers in delivering a dramatically improved insurance purchase experience, reducing the time it took to shop for and buy insurance to about 15 minutes.

Allstate Insurance Company • Northbrook, IL

Senior Front-End Engineer • March 2015 - March 2017

- Played an integral role in creating and promoting Allstate's first React component library, resulting in increased developer productivity, less bugs and a more consistent user experience.
- Collaborated with UX designers and architects on various research tracks to implement functional prototypes. Data collected from focus group testing was used to help guide product teams on future initiatives.
- Mentored and helped onboard new hires and junior level developers. This consisted of 1-on-1 meetings to help setup projects, pair programming and regular code reviews.

RealPage Inc. • Chicago, IL

Manager of Product Development • May 2014 - March 2015

- Directed a team of 3 engineers in creating a single sign-on experience with Node.js and Angular, simplifying the flow across multiple portals with a seamless experience and single point of entry.
- Worked extensively with the MyNewPlace team to launch a revamped version of an apartment search website. The updated user interface greatly increased performance, site traffic and conversions rates.
- Joined forces with the design and back-end teams to launch a new user experience for a lead tracking tool. The improved user interface greatly simplified managing prospects and tracking potential leads.
- Cultivated an environment of professional growth through bi-weekly one-on-ones, mentorship, and continuous feedback throughout the year, resulting in overall improved team health and job satisfaction.

RealPage Inc. • Chicago, IL

Senior Front-End Developer • April 2012 - May 2014

- Instrumental in developing an innovative property listing search page, which integrated front and back-end technologies to create a Pinterest-like experience.
- Developed a subscription based ad placement service, allowing property management companies to maintain and track paid ads, while generating revenue for the company's social media site, RentSocial.

Restaurant.com Inc. • Arlington Heights, IL

Senior Front-End Developer • November 2010 - April 2012

- Modernized the outdated customer experience with a responsive mobile-friendly restaurant search site, resulting in greater customer engagement and conversion.
- Streamlined marketing banner ad placement by developing a data-driven JavaScript API to deliver content via JSON. The new service enabled content to be updated in minutes versus hours.
- Introduced test-driven development practices for all front-end code, resulting in a more stable codebase with fewer bugs.

OptionsXpress Inc. • Chicago, IL

Web Designer / Front-End Developer • February 2008 - November 2010

- Collaborated with designers to launch a new consumer-facing side for the optionsXpress website. The new user interface included rich media like training videos, webinars and free investor education tools.
- Championed the redesign and development of an XML-driven events registration page, significantly reducing the overall amount of time it took to post new content.
- Decreased the turnaround time for marketing initiatives through customizable data-driven landing page templates.
- Designed captivating Flash banner ads and email templates for numerous marketing initiatives.

Projects

- Atomik UI - <https://github.com/atomikui>
- Other Open Source - <https://github.com/atomikui>
- Personal - <https://github.com/alan-eicker>

Education

Columbia College • Chicago
Bachelor of Arts | Illustration