Zach Posten

software engineer
www.posten.io

Hello!

My name is Zach Posten. I'm a problem solver who happens to specialize in software and software engineering. I love technology and the profound impact it's having on the world we live in.

Education

MILWAUKEE SCHOOL OF ENGINEERING: Software Engineering, 2016
3.82 GPA – University Scholars Program – Dean's List

Job Experience

FRONTEND ENGINEER: Bright Cellars, 2020 - Present

- Craft experiences to delight our users
- Create a library of themeable React components capable of being used across products. Much time and effort was put into making components easy to use, yet flexible, for a variety of use cases
- Componentize legacy CSS into CSS modules
- Collect information on user behavior with Google Analytics & Mixpanel
- Execute A/B tests to enable data-driven design
- Create spring-physics based animations
- Work closely with the design team to work through problems, give feedback, and offer technical advice
- Write meaningful, robust automated tests

UX DEVELOPER *(consultant)*: Johnson Controls, 2019 - 2020

- Architect and build a company-wide design system in vanilla JS with wrappers for both React and Angular
- Create and maintain complex monorepo build systems
- Work with local and remote teams of developers to integrate UX style guides and best practices into their projects

TECHNICAL CONSULTANT: Robert Half Technologies, 2018 - 2019

- Architect and build dynamic React applications utilizing Redux, and TypeScript
- Create a library of reusable React components
- Create delightful user interfaces based on UX research and prototypes
- Work directly with clients to determine how best to develop applications to meet their needs

SOFTWARE ENGINEER: Johnson Controls, 2016 - 2018

- Architect and build the frontend for a residential thermostat (GLAS™) in Universal Windows Platform (UWP)
- Act as technical security champion for the project
- Mentor new developers joining the team

Technologies

React
I've used React to build many applications and libraries to solve a wide variety of problems; everything from an ecommerce website to a digital magazine, to a corporate design system.

CSS
CSS is the language of the web that is too often considered a second-class citizen. Developers describe fighting with it to just get it to do what they want. I've made a point to learn and understand the foundational pieces of CSS that explain why it works as it does, and how to write CSS that takes advantage of the language rather than fights against it.

Git *(CLI, aliases, git flow)*
I have taught effective Git flow to dozens of developers at several different organizations. I have a deep expertise in Git and how it can be used effectively for a variety of team structures.

Other Technologies
JavaScript, TypeScript. Angular, Node.js, Webpack, SASS, SASS module system, Next.js, Babel, CSS in JS, Styled Components, Redux, C#, XAML, Gremlin, Azure Functions, Material UI

Open Source

www.github.com/zposten

- Material Design Components (Google)
- Created *Unorepo*, a CLI tool for managing monorepos
- Next.js (Zeit)
- Azure Device Management Client (Microsoft)
- Chromecast sender app (Google)