

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

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

- Architected a company-wide design system that allowed teams to easily incorporate UX best practices in a framework agnostic way
- Created a library of vanilla JavaScript components capable of being easily consumed by any JS framework
- Created libraries of both React and Angular (version 9) components to consume the vanilla JS components and provide a developer focused, native framework API
- Created and maintained complex monorepo build systems incorporating Webpack, Typescript, Babel, Jest, Yarn workspaces, Lerna and custom scripting
- Worked 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

- Architected and built dynamic React applications utilizing Redux, TypeScript, and modern JavaScript tooling
- Created a library of reusable react components, utilizing React Hooks and CSS in JS
- Created delightful user interfaces based on UX research and prototypes
- Worked directly with clients to determine how best to develop applications to meet their needs

SOFTWARE ENGINEER: Johnson Controls, 2016 - 2018

- Re-architected the GLAS UI UWP project from all code behind to MVVM
- Built completely custom UWP components from scratch, using none of the pre-built native Windows components
- Bootstrapped the GLAS web app, using React, Redux, SCSS, Webpack and Babel
- Mentored new developers on the team, coaching them through the process and project
- Lead a team of 15 engineers in developing a personalized Git workflow

Technologies

React (*with hooks*)

I've used React to build a number of applications and libraries to solve a wide variety of different problems; everything from a nurse management system, to a magazine website, to a corporate design system.

Angular (*version 9*)

I've used Angular to build a library of reusable components and compositions as part of a design system. Focus was given to crafting component APIs that were as flexible as they were easy to use. A litany of tests was written around each component to help ensure smooth adoption.

UWP

I've used the Universal Windows Platform to build an entirely custom UI intended to run on a translucent screen. This project also included creating several .NET Core libraries to handle specific parts of the app's functionality.

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, Node.js, Webpack, SASS, SASS module system, Next.js, Babel, CSS in JS, Redux, C#, XAML, MVVM

Open Source

 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)