ZACH **OLIVARE**
"olive air"

SOFTWARE ENGINEER

Milwaukee, WI

linkedin.com/in/olivare

www.olivare.net

TECHNOLOGIES

React

I've used React to create dozens of applications since 2015, and while there are now a slew of new frameworks that aim to dethrone it, each of them is standing on React's shoulders and wouldn't be where they are today without it. In addition, none of them are as flexible for as many use cases as React is. Yes okay, useEffect kinda sucks.

CSS

Great CSS makes a website more resilient to change; both from developers changing content and users changing inputs and screen sizes. In my experience, the best CSS developers take advantage of the language rather than fighting against it by seeing CSS as a series of inputs to layout algorithms rather than a smattering of properties.

Git

Git is so much more than a place to store code. I've taught dozens of developers at multiple companies to use Git in a way that lets you fix bugs faster, release code quicker, make rollbacks more granular, teamwork more collaborative, and other developer's work easier to understand.

Other Technologies

TypeScript, JavaScript, Next.js, Astro, Node.js, Svelte, Angular, Mongo DB, esbuild, vite, webpack, pnpm, yalc, websockets, Electron, Babel, Tailwind CSS, SASS, CSS in JS, Styled Components, Storybook UI, React Query, yup, Material UI, Redux, C#, XAML, Gremlin, Azure Functions

Open Source Contributions

www.github.com/0livare

- Author of: Unorepo (monorepo cli), jest-tsd (testing type defs), gremlin-cosmos (node api for db query language, gremlin)
- Yup (schema validation lib)
- Next.js (Vercel)
- Material Design Components (Google)
- Azure Device Management Client (Microsoft)
- Chromecast sender app (Google)

EDUCATION

BACHELOR'S DEGREE

MILWAUKEE SCHOOL OF ENGINEERING
Software Engineering, 2012 - 2016
3.82 GPA – University Scholar

SUMMARY

I am a web UI architect, with a focus on web-accessibility and a variety of full-stack experience. I have industry leading expertise with React, CSS, and TypeScript. I have implemented design systems for three different companies, published more than a dozen NPM packages, and made contributions to popular open source libraries. I've taught classes on Git, and lead teams of varying shapes and sizes. I've created applications for the web, desktop, mobile, and embedded devices. I have frequently worked at the forefront of innovation and am no stranger to the "bleeding edge". With more than 10 years of industry experience, I am dedicated to finding effective solutions to complex problems.

EXPERIENCE

SkySlope
Lead Software Engineer   **2021 - present**

- Architected and lead the development of a $4M revenue product using Next.js, React, TypeScript, React Query, Tailwind CSS, Node, Koa, MongoDB Atlas
- Implemented the UX design system as a shared JS library. Also created its docs website (Storybook) and gave company-wide presentations to increase adoption
- Created and thoroughly documented a shared utility library that removed thousands of lines of duplicated code across 10+ projects
- Authored a custom framework to allow for the creation of reusable email templates in React and MJML
- Mentored junior & mid-level developers

Carlo Consulting
Fullstack Software Engineer   **2020 - 2022**

- Created an Azure Static Web App for sharing PowerBI reports and an Azure Functions backend with a Gremlin Cosmos Graph DB
- Created Business Ops, an Electron Windows application and installer to manage extensions for PowerBI desktop

Bright Cellars
Frontend Software Engineer   **2020 - 2021**

- Created a library of easy to use, flexible, themeable React components capable of being used across products
- Collected information on user behavior with Google Analytics & Mixpanel
- Executed A/B tests to enable data-driven design
- Worked closely with the UX team to collaborate on difficult problems
- Wrote meaningful, robust automated tests

Johnson Controls
UX Developer   **2019 - 2020**

- Architected and built a company-wide design system in vanilla JS, React, and Angular
- Created and maintained complex monorepo build systems

Robert Half Technologies
Technical Consultant   **2018 - 2019**

- Architected and built a content-focused Gatsby React application (digital magazines)
- Created a library of reusable React components

Johnson Controls
Software Engineer   **2013 - 2018**

- Architected and built an embedded UWP application for a residential thermostat
- Worked with security consultants and 3rd party pen testers to meet secops reqs