

Alex Lurvey - Software Engineer

Full-stack development primarily using .NET Core, React/Native, and Azure.
Proficient in: TypeScript, JavaScript, C#, SQL, MongoDB, CSS, and git.

Professional Experience

Toptal - Freelance Developer

Contract (various) | February 2020 - Present
TypeScript - JavaScript - React - React Native

- April 2021 - April 2022
 - Individual contributor to a React web application working exclusively on the front end.
 - Created a drag-and-drop content builder for users to build web forms and emails.
 - Maintained a suite of end-to-end tests using Playwright.
- June 2020 - March 2021
 - Created a new mono-repository with yarn workspaces to support development including:
 - React native and web apps.
 - React Native component library with Storybook.
 - Documentation site of the monorepo to browse the apps and libraries, view their README file content, and display a dependency graph.
 - Command line tools for code generation and app & library project bootstrapping.

Brookdale Senior Living - Frontend Consultant

Contract | November 2019 - December 2019
JavaScript - React

- Rewrote most of the codebase to utilize React hooks and taught a team of Java developers current frontend practices.
- Added a suite of end-to-end tests using Cypress.

Milwaukee Electric Tool - Fullstack Developer

Contract | May 2019 - October 2019
JavaScript - C# - React - redux - .NET Core - CosmosDB - Terraform

- Wrote Azure functions to migrate data between legacy apps and a new system.
- Outlined the project's Azure infrastructure using Terraform.
- Created CI/CD pipelines in Azure DevOps.

GMR Marketing - Fullstack JavaScript Engineer

Contract | September 2018 - April 2019
TypeScript - C# - React - redux - .NET Core - MongoDB

- Individual contributor to an internal recruitment application.
- Led the adoption of reselect and recompose libraries into the frontend codebase.
- Integrated with Twilio's API to allow text messaging from the application.

Generac Power Systems - Application Developer

Full-time | June 2017 - September 2018
TypeScript - C# - React - redux - redux-saga - webpack - .NET

- Created the front end for a new web app show the status of wifi-enabled generators.
- Integrated the OAuth implicit flow with the IT department's identity server.
- Created a PWA of this SPA with a service worker and indexedDB to work offline.

Advicent Solutions - Software Developer

Full-time | June 2014 - June 2017

JavaScript - C# - AngularJS - .NET - SQL

- Developed single page apps for data integrations to support financial planning tools.
- Developed backend services that pull financial account data from a third party APIs.

Education

Milwaukee School of Engineering

2010 - 2014

Bachelor of Science in Computer Engineering

Organizations: CE Industry Advisory Committee, Investment Club