

## Alex Lurvey - Software Engineer

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

## Professional Experience

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### Toptal - Freelance Developer

Contract | February 2020 - Present

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### Brookdale Senior Living - Frontend Consultant

Contract | November 2019 - December 2019

Brought on six weeks prior to the release of the company's first React application to ensure a successful launch and teach current frontend practices. Refactored most of the codebase to use hooks & have centralized state. Wrote a suite of end-to-end tests using Cypress.

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### Milwaukee Electric Tool - Frontend Developer

Contract | May 2019 - October 2019

On a team rewriting an internal time tracking application. Responsible for writing Azure functions to migrate data between the legacy and new system. Outlined the project's cloud infrastructure using Terraform and created CI & CD pipelines in Azure DevOps. Added features to the .NET Core, CosmosDB, & React/Redux application.

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### GMR Marketing - Fullstack JavaScript Engineer

Contract | September 2018 - April 2019

On a team building an internal recruitment application. The tech stack was MongoDB, .NET Core, SignalR, and React/Redux in TypeScript. Responsible for delivering features across the entire stack. Led the adoption of reselect and recompose libraries within the front-end codebase. Updated frontend build processes as needed.

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### Generac Power Systems - Application Developer

Full-time | June 2017 - September 2018

Created the front end architecture for a new single page application that incorporates the implicit flow of the OpenID connect protocol. The main libraries and build tools consist of TypeScript, react, redux, redux-saga, reselect, webpack, gulp, and postcss. Created a version of this application with a service worker and indexedDB to work offline.

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### Advicent Solutions - Software Developer

Full-time | June 2014 - June 2017

Developed single page applications for data integrations of financial planning tools using C#, SQL, and AngularJS. Wrote unit tests using Jasmine and NUnit.

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## Education

### Milwaukee School of Engineering

2010 - 2014

Bachelor of Science in Computer Engineering

Organizations: CE Industry Advisory Committee, Investment Club