

## 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

- Rewrote most of the codebase to utilize the current React API (hooks) and taught the team of Java developers current frontend practices.
  - Improved UX by adding CSS animations and keyboard navigation.
  - Added a suite of end-to-end tests using Cypress.
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### Milwaukee Electric Tool - Fullstack Developer

Contract | May 2019 - October 2019

- Wrote Azure functions to migrate data between legacy apps and the new system.
  - Outlined the project's Azure infrastructure using Terraform.
  - Created CI/CD pipelines in Azure DevOps.
  - Added features across the .NET Core, CosmosDB, and React/Redux application.
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### GMR Marketing - Fullstack JavaScript Engineer

Contract | September 2018 - April 2019

- Contributor to the React/Redux, .NET Core, and MongoDB 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.
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### Generac Power Systems - Application Developer

Full-time | June 2017 - September 2018

- Created the new front end architecture for a new SPA with TypeScript, React, redux, redux-saga, webpack, gulp, and postcss.
  - 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.
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### Advicent Solutions - Software Developer

Full-time | June 2014 - June 2017

- Developed various SPAs for data integrations with third parties using .NET, SQL, and AngularJS.
  - Developed backend services that pull financial account data from a third party API to support other teams.
  - Wrote front and backend 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