


# RICHARD MCCONNELL

## SOFTWARE DEVELOPER

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## PROFILE

My journey toward software development has been a wondrous adventure that has opened my eyes to a level of opportunity that I didn't believe was out there. While I have always been interested in computers and technology most of my life, I had no previous knowledge of web development. I studied Computer Assisted Drafting, and that where I began to wonder how the programs I used were made. I was fascinated with the functionality and algorithms used to solve a given problem.

When I was introduced to programming, I had a feeling that this would be a field that would interest me. I was ecstatic to explore a path that I could continuously challenge myself as well as, exercise logical skills to solve problems that would impact and help others.

## EDUCATION

### Nashville Software School

*Fullstack Web-developer Certificate*  
September 2019

### Buckeye Career Center

*Career Development Certificate, CAD*  
2012

## SOFTWARE EXPERIENCE

### Auction Edge Inc.

2019

#### Junior React Developer

- Developing new user-facing features using ReactJS
- Building reusable components and front-end libraries for future use
- Querying API database through the use of GraphQL

### Nashville Software School

2019

#### Software Developer

Intensive full-time 6-month software development bootcamp anchoring fundamentals and learning skills with individual and team-based projects. Tech Stack: C#/.NET, React.js, Javascript, HTML5, CSS3, SQL fundamentals.

## Personal Projects

### Furever-Friends

[github.com/richardmcconnell12/REACT-FureverFriends](https://github.com/richardmcconnell12/REACT-FureverFriends)

A pet adoption application that bridges the gap between user's and adoptable dogs located in the Greater Nashville area. As a firm believer in the adopt, don't shop philosophy, this application allows users to find a home for their perfect pet. A personalized interest list along with the ability to take notes on their chosen animals allow for a simple and immersive experience to find the pet that is right for them.

- Using React.js to create a pet adoption app with full CRUD functionality and storing user credentials along with personalized pet interest lists.
- Leveraged React components and Material-UI to handle authentication, organized single page layout, and modals for a dynamic single page user experience.
- Utilized JSON server to work with user generated data and relating data to establish a join between the user and third-party API.

### The Perfect Batch

[github.com/richardmcconnell12/The-Perfect-Batch](https://github.com/richardmcconnell12/The-Perfect-Batch)

The perfect recipe tracker targeted toward users that often go off the cuff when it making a recipe. Answering common questions of "how did you make this?" or "What should I make?" Users can authorize an account, and input their recipes to track how they made the perfect batch. User are also granted access to other created recipes

- Generated full CRUD capability with C# and .NET Core frameworks.
- Implemented a relational database with a flat data structure, utilizing ASP.NET's ORM, model and model based form classes.
- Created dynamic form fields with .NET razor pages and Javascript to grant the user ability to summate and make additions to ingredients used in their recipes.
- Employed Identity framework to handle fully secured authentication.

## OTHER EXPERIENCE

### Customer Service Specialist

2017-2018

#### Target

- Carried out logistic orders to achieve greater success in store numbers using effectual inventory control processes, and product quality assurance.
- Optimized service delivery by effective prioritization of tasks at hand, by impact and urgency.
- Contributed to the success of new coming employees through detailed training in daily routines, logistics, and effective communication with both employees and guests.

### Server and Bartender

2014-2017

#### Sammy Sue's Barbeque

- Trained new servers and bartenders on how to work within the team and communicate effectively with guests, front of the house staff, as well as chefs and cooks.
- Defined and completed minimum preparation requirements prior to each shift to reduce inefficiencies and lessen impact of unexpected incidents.
- Frequently assisted colleagues during rush periods to foster / promote teamwork while providing exceptional service and guest dining experience.