

# Brad Weir

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## Skills

- Expertise writing business logic using C# 6, LINQ, .NET MVC
- Expertise implementing frontend technologies such as HTML5, CSS3, JavaScript ES6
- Expertise implementing Web APIs using async fetch and .NET Core 5 with Entity Framework.
- Proficiency with MS SQL Server using SQL Server Management Studio
- Proficiency with PostgreSQL using pgAdmin and Mode (mode.com)
- Proficiency writing complex and secure SQL queries

## Education

### We Can Code IT (Cleve., OH)

#### Cert. Software Engineer

*Jan 2022 - Apr 2022*

- Agile Methodologies
- Test-Driven Development
- Tech. Stack: Git VCS, MVC, C# 6, .NET 5, Entity Framework, MS SQL, HTML5, CSS3, ES6, Node.js, webpack

### Udemy (udemy.com)

#### Certificate of Completion

*Aug 2020 - Sep 2020*

- SQL & PostgreSQL

### Stark State (Canton, OH)

#### Interactive Media

*Sep 2004 - Jan 2008*

- Microsoft Office
- Principles of Computer Programming
- Programming in .Net with C#

## Projects

### Tripometer

Tripometer is a gas cost estimation app utilizing the Google Maps API. It features an MVC architected backend written in C# 6.0 on .NET 5 with Entity Framework using a code-first database approach on MS SQL. The frontend was designed using HTML5, CSS3, and JavaScript ES6 and packaged using Node.js with Webpack.

### Album Collection

The album collection allows users to add artists bios and albums to a remote repository and retrieve that information using the fetch API. The backend was written in C# 6.0 on .NET 5 with Entity Framework. It features a pure CSS carousel which utilizes 3D transforms and animated transitions.

### Mario Baker

Mario Baker is a simple 2D, pixel-art game which utilizes the Pixi.js library. You play as Mario who must hit blocks to produce as many donuts as possible. Despite its retro aesthetic, Mario Baker features a modern technology stack and was built with HTML5 Canvas and JavaScript ES6.

### Blog Project

This is an MVC blog written in C# 6 on .NET Core 5 with Entity Framework. It features a category and tagging system to organize and retrieve blog posts.

### Review Site

This is a review site written in C# 6 on .NET Core 5 with Entity Framework. It allows you to write reviews and rate items. The landing page compiles these rating and lists the highest rated products and newest products using LINQ.

All source code available at [bradrweir.github.io](https://github.com/bradrweir).

## Work Experience

### Brad Weir Freelance

*Canton, OH*

#### IT Consultant *Apr 2018 - Apr 2022*

- Performing suite of onsite IT services including installation, configuration, diagnostics and maintenance
- Implementing and maintaining safe and secure networks
- Providing friendly point-of-contact solutions for clients' technical problems

### BevSpot

*Boston, MA*

#### Support Engineer *Feb 2020 - Feb 2021*

- Provided direct technical support to clients for the BevSpot application and assisted with the onboarding of large corporate groups
- Created dashboards, slides, graphs, and charts to present at company meetings
- Created internal productivity reports and custom, aggregate sales reports for large clients using SQL queries utilizing Joins, Unions, Indexes, Views, Parameters, Subqueries, Aggregate Functions, and Stored Procedures
- Developed tools, templates, scripts and macros using JavaScript, Chrome Extension API, Google Apps Script, and VBA
- Researched, tested and introduced productivity tools such as Amazon Textract and Tabula
- Implemented initiative to normalize our product catalog and remove duplicate items

### Coleman Data Solutions

*Akron, OH*

#### Data Technician *Jul 2014 - Jan 2021*

- Efficiently and accurately transcribing documents and forms
- Performing inventory and invoice reconciliation using the BevSpot application
- Using shorthand conversion to maintain high productivity
- Implementing innovative strategies and workflows to improve performance