

# Brad Weir

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## Skills

- Expertise writing business logic using C# 6, LINQ, .NET MVC, Razor
- 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, Razor, 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*

- Principles of Programming
- Programming in .Net w\ 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. 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 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. 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 Razor and 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 Razor and 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://bradrweir.github.io).

## Work Experience

### Medical Mutual

*Brooklyn, OH*

#### .Net Developer I *Jun 2022 - Apr 2023*

- Debugged, designed and coded HIPPA-compliant software for internal use
- Wrote SQL queries as well as APIs to read data from DB2 databases
- Created Azure build and deployment pipelines
- Wrote technical documentation and software installation instructions
- Prepared integrated IBM software repositories to streamline employee onboarding
- Was able to adapt to programming in Java, VB and Classic ASP
- Used Agile methodologies to efficiently reach milestones and releases

### Brad Weir Freelance

*Canton, OH*

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

- Performing suite of onsite IT services including installation, configuration, diagnostics and maintenance
- Major clients: Elcoma & Grab Bar Solutions

### 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 using SQL queries
- Developed tools, templates, scripts and macros
- Researched, tested and introduced productivity tools