

Sean McHugh

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Skills

C#, ASP.NET Forms/MVC, ASP.NET WebAPI, REST, StructureMap, Xamarin, JavaScript, CSS, HTML, SQL, SQL Server, SQLite, Entity Framework, React, Knockout, JQuery, Node.js, IIS, AWS, Selenium, C++, Debian

Experience

July 2017 - May 2021

Infinitech, Cincinnati – *Software Developer II*

- Completed a complicated port of an old VB6 application. Involved hacking, creating a sophisticated test rig, and close communication with mechanical engineers to complete.
- Built, uplifted, and deployed several mobile apps with Xamarin.
- Built a WebAPI, including database, for CRUD communication with industrial machinery.
- Created a Xamarin build system that allowed for re-use of UI code. This saved a week of setup time for each new app.
- Automated PDF creation for material data sheets.
- Mentored younger developers and did code reviews.

April 2014 - July 2017

Making Everlasting Memories, Cincinnati – *Software Developer II*

- Collaborated on agile team to successfully add features to the company's website.
- Improved company's approach to testing by designing a curriculum for testers, leading to increasing coverage and test quality.
- Automated language translation handling. Unified disparate translation files into the company database.
- Worked on full Microsoft stack plus peripheral libraries on a daily basis.
- Co-developed an image and video uploader that could pull from a user's device or one of their Facebook albums.
- Wrote several stand-alone C# and Node.js applications to acquire customer data and load test one of our products, respectively. Both applications are still in use.
- Improved code when opportunities presented themselves. Examples include reducing cyclomatic complexity, reducing AJAX calls and database hits, removing orphaned event handlers, making code more understandable, etc.
- Used queue design pattern to keep long running threads off the web server.
- Provided direct support to customers on occasional weekend shifts.

SEPTEMBER 2011 - APRIL 2014

Vertical Solutions, Cincinnati - *Software Developer*

- Developed an offline database that integrated WebSQL and IndexedDB.
- Assisted in the development of a mobile CRM.
- Developed a mobile-first website. Took many different devices and browsers into consideration. Used browserstack to check CSS.
- Performed maintenance on an old MS AJAX website.

February 2010 - June 2011

Robert Half Technology/ Compucom, Cincinnati - *Help Desk*

- Performed normal Help Desk roles such as password resets, escalation, and remote troubleshooting.
- Provided technical support for several hospitals and all tiers of the GE infrastructure
- Saved time by integrating several help desk applications into a single form.

Education

2005-2009

DeVry University - *B.S. Computer Information Systems*

Coursework: Data Structures and Algorithms, Object Oriented Programming, Database Design, Client-Server Systems