Zachery J. Welch
Full Stack Software Developer

Waterford, NY 12188 zacheryjwelch@gmail.com 518-935-5994

Authorized to work in the US for any employer

Full stack software developer with a background of academic computer science as well as professional web development. With experience in server side and client facing applications including strong C# and Javascript skills. Having a background in professional leadership, working on teams and direct client interactions.

Core Skills

Back-end: C#, SQL, SQL Server, REST APIs ,.NET, Node.js

DB : SQL Server, MongoDB

Front-end: Javascript , React , Bootstrap, Bulma, HTML5, SCSS

OS/Tools: Linux, WIndows, MacOSX, Visual Studio, AWS

Work Experience

Certified Flight Instructor
Hewison Aviation - Albany, NY
July 2020 to Present

In summer of 2020 I achieved a lifelong goal of earning my Certified Flight Instructor Certificate and Teaching others the joy of flight.
• Provided academic and hands on instruction to students on procedures of flying an airplane
• Ensured safety of students and flight through expert understanding of aviation and aircraft
• Ensured safe and continued operation of aircraft by coordinating maintenance with multiple providers

Software Developer
The MailWorks - Albany, NY
June 2019 to February 2020

At the MailWorks, I developed and fixed existing ASP.NET applications adding functionality and webpages using C# and Razor pages. In addition I extended each system's storage capabilities using AWS S3.
• Designed and coded applications to add and fix functionality in both client facing and internal applications
• Updated and upgraded existing ASP.NET applications
• Architected extensions to the existing ASP.NET applications

CRM Developer
Aeon Nexus - Albany, NY
March 2018 to June 2019

While working at Aeon Nexus, I developed client based Dynamics CRM/365 applications using C#, SQL, and the Dynamics customization tools. These systems are currently used by state law divisions for legal case management.
• Developed software solutions and plugins for Microsoft Dynamic
• Created dynamic reports using both SQL and Dynamics data APIs
• Installed and administered servers and other hardware for internal use

Student Assistant/Intern
NYS Department of Health - Albany, NY
August 2016 to December 2017

At the NYS Department of Health I analyzed financial statements from heath and housing providers to ensure compliance with state and federal law.
• Computed and analyzed State financial documents
• Cross analyzed State databases for Medicaid fraud

• Utilized Excel and Visual Basic macros

Education

Bachelor of Science in Business Administration

University at Albany - Albany, NY

December 2017

Minor in Computer Science

University at Albany - Albany, NY

December 2017

Associate of Science in Aviation Science

Schenectady County Community College - Schenectady, NY

May 2014

Additional Skills

- C
- Java
- SCSS
- jQuery
- PowerShell
- Bash
- Linux
- Windows
- MacOS
- Git
- Bootstrap
- Microsoft SQL ServerSQL
- Server Management Studio
- Visual Studio
- Linqpad
- IIS
- MVC
- Razor pages
- Visual Studio
- Microsoft Office
- LINQ
- MongoDB

Links

http://www.zjexpress.net/

- A personal portfolio and blog site created to showcase tutorials, articles, and new things I am working on.

https://github.com/DasWelch

- My personal Github account