

# James Schafer

james@jschafer.net · (517) 410 - 2600 · 4021 Clearstream Way, Englewood OH 45322 · <https://james.jschafer.net>

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## Summary

I am a professional software developer who enjoys coding in my free time to keep up to date with new technologies. I have over 8 years of professional .NET development experience.

## Experience

### Metropolitan Software

### Consultant

May 2019 to Present

- Built an Employee Calendar widget using Angular, NGRX, and an ASP.NET Core web service to read data from the SQL database.
- Deployed and tested the application using Azure Websites and Azure DevOps.
- Documented and fixed bugs in a large and complex Angular application.

### CareSource

### Domain Architect

September 2016 to Present

- Converted a monolithic web service platform to many individually deployable .NET Core micro services.
- Created .NET Core libraries to share common logic across many micro services. This allowed us to support these services consistently which allowed them to grow to serve over a million requests per day.
- Created an application to call a web service every time a message was placed in an enterprise service bus queue.
- Created a container-based web application framework to share user management, web components, layout and more across a suite of internal web applications.
- Automated build and deployment processes with TeamCity and Octopus Deploy into a common pipeline for hundreds of applications. Later migrated this pipeline to Azure DevOps Server.
- Migrated applications from a database focused logging system to use Splunk to aggregate log messages and report on log data.
- Created code generated stored procedures for simple database table operations and a data abstraction library to facilitate executing them from web services.
- Established and documented development standards with the enterprise architecture team.
- Managed capacity and the needs of development teams totaling over a hundred employees in centers of excellence and company-wide initiatives.
- Acted as the technical project manager for a multi-year project to replace a critical corporate application. Represented the IT department to the business and managed scope and work for all development efforts.
- Worked with Pivotal representatives to stand up and utilize Pivotal Cloud Foundry at CareSource for development.
- Led development efforts related to major performance issues of a critical business application that was causing work stoppages for the business.
- Unit tested services and applications with Moq and XUnit using Test Driven Development principles.
- Regularly attended ASP.NET Community Standup to keep up to date with the latest Microsoft features.

### CareSource

### Sr. Application Developer

March 2013 to September 2016

- Created an ASP.NET MVC application to manage non-traditional healthcare services. Later transitioned the project to a team and led the development efforts of that team.
- Led efforts to focus development work on service-oriented architecture principles and devops best practices.
- Created an HTML injector using jQuery for adding new features to a vendor's application.
- Contributed major components to a custom-built service bus for development teams to build REST services.
- Designed and built a proof of concept progressive web application for administering member assessments offline using Angular and HTML5 local storage.
- Practiced and advocated for Agile methodologies to produce quality code iteratively.
- Acted as technical lead for multiple development teams mentoring their employees and designing the architecture for their applications.
- Led development efforts around major upgrades of a vendor application.
- Managed the software development lifecycle using ServiceNow change requests for production deployments.

**Reynolds & Reynolds** **Software Developer** **January 2011 to March 2013**

- Nominated for company-wide Associate of the Year. Earned a Meritorious Performance Award.
- Created reusable web components for a DatePicker, step-based wizard, and TreeView, using HTML Helpers, Telerik controls, and jQuery.
- Developed quality software for a customer relationship management application.
- Developed screens in an administration application to manage users and permissions.
- Helped create the design document template for the team to use in documentation.
- Mentored new employees to help familiarize them with the projects and MVC Development.
- Localized the application using ASP.Net resource files.
- Created reports using SQL Server Reporting Services.
- Worked closely with product designers to obtain thorough requirements.

**Personal Projects** **Blazor Four in a Row** **October 2018**

- <https://github.com/bofirial/BlazorFourInARow>
- Gave talks at the Dayton .NET Developers Meetup and Smart Data Lunch and Learn on Blazor and Web Assembly.
- Created a real time Connect 4 game using Blazor, Azure Functions and Azure CosmosDB to learn new technologies and demo during the talks.

**Google Tasks Synchronizer** **January 2018**

- <https://github.com/bofirial/GoogleTasksSynchronizer>
- Created an Azure Function to synchronize Google Tasks across multiple accounts every 15 seconds.

**Education** **Lawrence Technological University** **Southfield, MI** **August 2008 to December 2010**  
Bachelor Degree in Computer Science  
GPA: 3.75 / 4.00

**Proficiencies**

<b>Languages</b>	.NET Core Development SQL	Typescript	SCSS
<b>Frameworks</b>	ASP.NET Entity Framework Microsoft Azure	Angular Dapper	Bootstrap XUnit
<b>Processes</b>	GitFlow SOLID Principles	Agile	Test Driven Development
<b>Tools</b>	Visual Studio TeamCity Pivotal Cloud Foundry Fiddler git	Visual Studio Code OctopusDeploy Artifactory ReSharper Moq	CodeSmith Azure DevOps Server NuGet dotPeek Swagger