**James Schafer**

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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 9 years of professional .NET development experience. | | |
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| **Experience** | **Taylor Digital** | **Software Developer 4** | **September 2019 to Present** |
|  | * Designed a flexible long running process system using Azure Functions and Queues. | | |
|  | * Led a proof of concept for rewriting a legacy application in Blazor piece by piece using the strangler pattern. | | |
|  | * Implemented a Feature Flag system to prepare for continuous deployment of an application. | | |
|  | * Built a Secret Management solution to simplify configuration across many deployment environments. | | |
|  | * Created new REST APIs from the ground up using ASP.NET Core microservices and NoSQL CosmosDB. | | |
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|  | **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. | | |
|  | * Built a mobile application for iOS and Android phones using NativeScript. | | |
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|  | **CareSource** | **Domain Architect** | **September 2016 to September 2019** |
|  | * 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. | | |
|  | * Built a system for integrating HL7 documents with other managed care plans and providers. | | |
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|  | | **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. | | | | |
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|  | **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. | | | | |
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| **Personal Projects** | | | | **Dungeon Bot** | **Current** |
|  | * https://github.com/bofirial/DungeonBot | | | | |
|  | * Creating a game using Blazor, Roslyn, and Monaco where players can code a bot using csharp to battle enemies and storm dungeons entirely on the client-side. | | | | |
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| **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. | | | | |
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| **Google Tasks Synchronizer** | | | | | **January 2018** |
|  | * https://github.com/bofirial/GoogleTasksSynchronizer | | | | |
|  | * Created an Azure Function to synchronize Google Tasks across multiple accounts every 15 seconds. | | | | |
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| **Education** | **Lawrence Technological University** | | | | **December 2010** |
|  | Bachelor Degree in Computer Science | | | |  |
|  | GPA: 3.75 / 4.00 | | | |  |
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| **Proficiencies** | | | | |
|  | **Technologies** | .NET Core Development | Typescript | SCSS |
|  |  | SQL | NoSQL | Blazor |
|  |  | ASP.NET | Angular | Bootstrap |
|  |  | Entity Framework | Dapper | XUnit |
|  |  | Microsoft Azure | NativeScript | CosmosDB |
|  |  | NGRX | Fluxor |  |
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|  | **Processes** | GitFlow | Agile | Test Driven Development |
|  |  | SOLID Principles | Flux Pattern |  |
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|  | **Tools** | Visual Studio | Visual Studio Code | CodeSmith |
|  |  | TeamCity | OctopusDeploy | Azure DevOps Server |
|  |  | Pivotal Cloud Foundry | Artifactory | NuGet |
|  |  | Fiddler | ReSharper | dotPeek |
|  |  | Git | Moq | Swagger |
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