ALEXANDER COLEMAN

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C#/ .NET Software Developer

Profiles links

https://alexandercoleman.github.io/PortfolioWebsite/index.html
https://www.linkedin.com/in/alexander-coleman-41ab91236/
https://github.com/AlexanderColeman

Skills

Languages: C# |Java| JavaScript | SQL | CSS | HTML |

Frameworks: ASP.NET Core| ASP .NET Core MVC | ASP .Net Core Web API | Entity Framework Core | .NET Core Identity

Tools: Visual Studio | SQL Server | MySQL Workbench | GitHub | xUnit

Professional Summary

Dedicated Software Developer currently building foundational skills for a C#/.NET Software Development role. Intrinsically motivated individual prepared for challenges of a position and ready to use abilities in communication and problem-solving to meet company goals.

Education

TrueCoders
Software Engineering
Project-based training in programming languages and other technical skills, such as SQL, C#, .NET Core, Java, Git, ASP.NET MVC, HTML, CSS, and JavaScript. These skills were developed by building multiple C# and SQL projects in Visual Studio and Visual Studio Code. C# and SQL Projects were tracked in Git and GitHub for source control. Managed SQL databases using the CRUD operations in MySQL Workbench.

Associate of Applied Science: Non-Destructive Testing
Ridgewater College - Hutchinson, MN

Projects

Volleyball .NET Core MVC Web App: C# | ASP.NET Core MVC | SQL | HTML | CSS | JavaScript

- Implemented a repository pattern to isolate the data access logic and business logic
- Utilized Entity Framework to complete a code first migration to populate a Sql Server database.
- Authorization, Authentication and user roles achieved by the implementation of .NET Core Identity
- Utilized two APIs for image storing functionality and geolocation based off Ip address.
- Hosted through Azure and migrated a SQL server database to an Azure SQL database.

Tacobell Geolocator: C# | .NET Core | xUnit

- Worked with a team to parse information from a CSV file and create a geolocation console app.
- Test-Driven Development using xUnit ensures that invalid or missing data is handled correctly.
- If the data is out of bounds or cannot be parsed, then the parse method returns null.
- Finally, utilizing the Geolocator NuGet package, the program will calculate the two farthest Tacobells.

Open Weather Map API: C# | .Net Core | NewtonSoft.Json

- Used an Open Weather Map API to return the current temperature of an enter city in a C# .NET Core console app.
- Used a generated API key and API call to access the data response.
- Parsed data from the API call with a NewtonSoft.Json Nuget package for an easier to read formatted response.