

Jerry McKee Jr.

Full Stack .NET Developer

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PROFILE

I can pinpoint the moment I was hooked on the idea of creating websites and that was back in the early 90's when I was impressed with the amount of information I can get from a website. Fast forward to today and that fascination has moved to how you can access and interact with data within applications on multiple platforms and devices. This is apparent in every project that I've built out including the Tech Pulse Blog and Aurora Tracking Issue Tracking Web Application. I'm continually pushing the boundaries of my knowledge and skill in working within the Microsoft Tech Stack including .NET Core and most recently beginning to learn Blazor and .NET MAUI. I believe that with the applications that I've built out combined with my never-ending passion for improvement with technical skills that I would be a valuable member of your development team.

SKILLS

.NET Technologies:

- C#
- ASP.NET Core
- ASP.NET MVC
- .NET Framework 5/6/7.0/8.0/9.0
- Entity Framework
- LINQ
- Web API (Rest)
- Blazor/Blazor WebAssembly
- .NET MAUI
- .NET Aspire

Web Technologies

- HTML5
- CSS3
- JavaScript
- Bootstrap 5/4
- jQuery
- Swagger
- Golang

Database

- PostgreSQL 15/14
- Microsoft SQL Server
- Oracle Database

Software/IDE

- Microsoft Visual Studio 22/19/17
- Microsoft Visual Studio for Mac

- Visual Studio Code
- pgAdmin4
- Postman
- SQL Server Management Studio

Version Control

- Git / GitHub

Operating System

- Windows 11/10
- Mac OS
- iOS
- Android SDK

Hosting

- Netlify
- Heroku
- Railway

PROJECTS

Aurora Tracking

This project is an issue tracking web application that was built using ASP.NET MVC & C# for the backend and persisted utilizing a PostgreSQL Database. This application was built out using a code-first approach utilizing Entity Framework Core. The frontend of the application was built out using HTML, CSS, Bootstrap, as well as several JavaScript libraries to create multiple features used throughout the application. The application uses Microsoft Identity for role management allowing for the application to

be used by authenticated users with certain features that are authorized to certain roles only (User Role Management can only be completed by Admins, as an example). This application is hosted on Railway via a GitHub repository.

Tech Pulse Dev Blog

Tech Pulse is a fully interactive blog that was created in a code-first approach using ASP.NET Core MVC, C#, and Entity Framework Core. The Data for the blog is persisted in a PostgreSQL Database that is hosted along-side the project on Railway. Microsoft Identity is employed to allow for authenticated users to interact with blog posts in ways such as “Liking” a post and commenting on posts. A moderator role was created in or to assist in monitoring comments for appropriateness. Aside from authenticated users, anyone can read all blog posts that are published to the blog. One of the noted features of this blog is the addition of a WebAPI that allows for posts to be collected under certain criteria outlined in a LINQ statement. This WebAPI can be accessed via JavaScript. The purpose of this is to allow for a few of the posts to be showcased on my developer portfolio in the “Blog” section.

EDUCATION

Web Design and Development - Full Sail University

2022 | Winter Park, FL

Bootcamp: Coder Foundry - Full Stack Web Development

Certificate- 672 Hours / Software Engineering and Development
Kernersville, NC

Developed and deployed Full-Stack applications utilizing ASP.NET Core MVC leveraging Bootstrap, JavaScript and HTML technologies with robust PostgreSQL databases. Designed and constructed multiple front-end applications utilizing Vanilla JavaScript, delivering intuitive user experiences.

Collaborated with CI/CD workflows on GitHub to ensure seamless integration and continuous delivery.

Bootcamp: Woz-U - Full Stack .NET Development

Certificate- 672 Hours / Software Engineering and Development
Scottsdale, AZ

The bootcamp was based on learning the fundamentals of Full-Stack .NET Development as well as working with Frontend libraries including Angular and React as well as ASP.NET Core MVC. The course also touched on working with Data Management using SQL Server. At the end of the Bootcamp upon successful completion of an interview was a position with Infosys Limited in Hartford, CT where training would continue in more advanced concepts of .NET Development.

PROFESSIONAL EXPERIENCE

.Net Developer

Safe Home Security, Inc

02/2024 – Current employment | Middletown, CT
Work with a development team that designed and Work with a development team to maintain and update a CRM designed for the sale and maintenance of security systems and life monitoring systems utilizing C#, .NET, Bootstrap, CSS, JavaScript, ASP.NET Web Forms, Golang, Oracle Database, SQL Server, Postman, Docker, Git/GitHub, Visual Studio, and VS Code. We are encouraged constantly to learn new technologies to update and upgrade the CRM.

Junior .Net Developer

NirvanaHealth

09/2022 – 02/2023 | Southborough, MA
Work with a development team that designed an all-in-one healthcare payer system that managed claims, pharmacy benefits, and other healthcare member concerns. The application utilized .NET Core 6.0, Entity Framework Core, ASP.NET Core MVC and utilized MongoDB and SQL Server for Data Management. Other technologies used included and are not limited to JavaScript, Angular, ABP Framework, Telerik Kendo UI, ASP.NET Core WebAPI, xUnit, and Postman.

PROFESSIONAL EXPERIENCE

Continued

Junior .Net Developer

Infosys Limited

12/2021 – 09/2022 | Hartford, CT

Worked with a development team assigned to a client (LPL Financial, LLC) to assist with migrating their web application from MuleSoft to a custom designed application using .NET Core, Entity Framework Core and PostgreSQL. Other technologies used include and are not limited to xUnit, gRPC, GraphQL, ASP.NET Core WebAPI, and Postman