

MICHAEL GALAS

Software Engineer

SKILLS AND OTHER

Programming Languages: C#, JavaScript, ES6+, CSS3, HTML5, TypeScript

Databases: Microsoft SQL Server, PostgreSQL, T-SQL, Azure SQL, LINQ, Entity Framework Core

Frameworks: ASP.NET 4.5.2+ MVC, .NET Core, jQuery, AngularJS, Angular 13, NgRx, Kendo Grid, Stripe, xUnit

Other: Git, Docker, Razor, Azure App Service, GCP, Postman, Kubernetes, Microsoft Azure Certified: AZ900

PROGRAMMING PROJECT

- [TripKeeper .NET 8 & Angular 18](#) – This app is used for capturing route information and calculating total route compensation. Created RESTful Async APIs using C# & .NET 8. Created interfaces and services while utilizing dependency injection. Configured Microsoft Azure infrastructure which included services such as Azure App Service, Service Bus, Azure Blob Containers, and Azure SQL Server & Database. Generated angular components & services for interacting with backend APIs using TypeScript. Secured new user login with JWT.

EMPLOYMENT

Software Engineer	Waste Connections	March 2022 – Present
<ul style="list-style-type: none">• Maintain, add feature requests, and optimize internal .NET web application that holds 8,000,000+ customer records. Utilize C#, ASP.NET MVC, .NET 6, jQuery, Angular JS, JavaScript, Microsoft SQL Server, & EF Core.• Create new RESTful API endpoints using C#, manage CI/CD using TeamCity & Octopus, review pull requests.• Improved Angular 13 app performance by identifying and fixing memory leaks using RxJS.• Refactor & Secure new user sign up using randomly generated JWT tokens with expiration dates using C#.• Created new RESTful API for 3rd party integration using C# which resulted in the company saving \$300,000 over a period of 3 years. Configured Angular Services & Components using TypeScript.• Updated UI to Angular 17 from Angular 13 boosting overall performance reducing vulnerabilities by 89%.• Created new API using C# to allow users to upload multiple files into our Microsoft Azure Blob Storage.• Used SSMS & T-SQL to create database schemas, configured DbContext using Fluent API in C#.		
Software Engineer	KeHE Distributing	Feb 2021 – Nov 2021
<ul style="list-style-type: none">• Work on B2B e-commerce microservice application that was used for grocery chain retailers, supermarkets & suppliers. Hosted on AWS. Utilized .NET Core 3.1 on backend and Entity Framework Core as the ORM.• Created new modules and components that fetch data from RESTful API to visualize large data sets on Kendo Grid while implementing the NgRx life cycle. Utilize Angular 7, TypeScript, C#, .NET, and MS SQL.• Increased performance optimization on components by creating a custom pure pipe using TypeScript.• Work in Agile environment and attend daily stand ups to create product features consistent with the Product Owners vision.		
Software Engineer	Personal Projects	Jan 2019-Feb 2021
<ul style="list-style-type: none">• Created Node.js app using JavaScript, Twilio API, Twilio Function, TwiML Bin, Node Cron. Currently hosted on Heroku. App calls an 1800 number, enters two codes, transcribes audio then sends receiver a text msg.• Created and maintained ASP.NET Core 3.1 MVC application called Trip Keeper. Hosted on Microsoft Azure.		

EDUCATION

Portland, OR	The Tech Academy – Software Certificate	Oct 2018 – June 2019
<ul style="list-style-type: none">• Completed 800 hours of hands-on programming experience and learned computer science fundamentals.• Course included: C#, .NET Core, ASP.NET Core, MVC, Entity Framework, JavaScript, HTML, CSS, and SQL		