MICHAEL GALAS
Software Engineer

LinkedIn |GitHub |Portfolio

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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, Angular.js, Angular 13, NgRx, Kendo Grid, Stripe, xUnit
Other: Git, CI/CD, Razor, Azure App Service, Azure Logic App, Postman, IIS, Microsoft Certified: Azure

PROGRAMMING PROJECT

- **TripKeeper ASP.NET Core 3.1 MVC** – This app is used for storing a driver's trip information and how much it pays. Used EF Core Code First and ASP.NET Identity for login. Created models, controllers and views with C#, Razor, JavaScript, and HTML. Created Azure SQL Server & Database. Used Git for version control. Deployed on Azure. Integrated a DataTable that is fully responsive and searchable. Customized Identity Model using C#.

EMPLOYMENT

Software Engineer   **Waste Connections**   **March 2022 – Present**
- • 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 13, TypeScript, 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.
- • Created a new utility page that enabled internal personnel the ability to upload excel sheets with over 100,000 records. Optimized SQL queries speeds & reduced insertion time by 72%.
- • Refactor & Secure new user sign up using randomly generated JWT tokens with expiration dates using C#.
- • Created a scheduled Azure Logic function that triggers at midnight to update company profiles status.
- • 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 Container.

Software Engineer   **KeHE Distributing**   **Feb 2021 – Nov 2021**
- • 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 with CI/CD to create product features consistent with the Product Owners vision.

Software Engineer   **Personal Projects**   **Jan 2019-Feb 2021**
- • 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**
- 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