13 years of experience in crafting innovative solutions across various domains. My expertise lies in spearheading the development of greenfield full-stack applications, pioneering new standalone frontend SPAs/PWAs, architecting RESTful APIs, and designing microservice-based backend infrastructures. Additionally, I'm well-versed in the intricacies of microfrontend-based architectures, continuously exploring new paradigms to enhance system scalability and flexibility.

**Technical Expertise/Skills**

Programming Languages: Typescript, C#, Javascript, SQL, HTML, CSS

Libraries & Frameworks: Angular, RxJS, Angular Material, .NET, Entity Framwork, xUnit, Jasmine, Jest

Databases: SQL Server, Oracle, Postgres, MongoDB, Microsoft Azure SQL Database

Cloud Services: Microsoft Azure, AWS, Google Cloud Platform (GCP)

Tools: Azure Pipelines, AngularCLI, Github Actions, Octopus, Jenkins, Docker, Kubernetes, CircleCI

**Education**

University of Wisconsin – Milwaukee – Bachelor of Science in Computer Science 2010

**Professional Experience**

Senior Consultant Jan 2024 – Feb 2024

Sparq Remote

* Actively improving development skills while sitting on the bench.
* Provide guidance and input to develop the best development practices.
* Collaborated on customer on-boarding process to expedite the process in the future.

Lead Engineer Oct 2021 – Nov 2022

The Predictive Index Remote

* Transformation of Angular Materials and AG Grid into a more standardized infrastructure.
* Implementation/Modification of RESTFul API’s to integrate new access control changes.
* Setup/Creation of the initial library project, leveraging AngularCLI to streamline the process.

Software Engineer II Feb 2021 – Oct 2021

GoPuff Remote

* Automated current reporting process improving end user efficiency by over 60%.
* Creation/Release of a cutting-edge web application built on React, elevating user experience.
* Development of new RESTful APIs, transitioning to GraphQL to enhance efficiency and flexibility in data querying and manipulation.

Senior Software Engineer Jul 2019 – Jun 2020

InvestCloud Milwaukee, WI

* Utilized Azure Service Bus into our microservices architecture facilitating seamless connection.
* Implemented robust frontend unit testing standards, resulting in improved efficiency.
* Successfully launched the flagship Single Page Application (SPA) built with Angular within a remarkably short timeframe of under a year.

Software Engineer - Team Lead Apr 2016 – Jul 2019

Finastra Mequon, WI

* Collaborated closely with cross-functional teams focusing on enhancing user experience.
* Implemented new features/functionalities to streamline the mortgage application process.
* Optimized performance and scalability of the system to accommodate transaction volumes.
* Provided ongoing support for the POS Mortgage system, debugging issues and fixing bugs.
* Introduced Angular animations to elevate the overall user experience.
* Took full ownership of three C# .NET backend microservices, overseeing their development and maintenance, while concurrently playing an active role in enhancing the SPA frontend.
* Leveraged TypeScript and Angular for frontend development.

Senior Consulting Software Engineer May 2015 – Mar 2016

Blue Yonder Waukesha, WI

* Spearheaded the implementation of Voice enhancements within the core product, enhancing user experience and efficiency.
* Led collaborative efforts with customers directly to understand their unique needs and tailor solutions to address them effectively.
* Provided on-site support during critical phases such as customer go-lives, ensuring smooth implementation and customer satisfaction.

Software Developer Dec 2013 – May 2015

Iptor Brookfield, WI

* Developed Entity Framework RESTful APIs to facilitate seamless integration with both internal and external systems, ensuring data interoperability and efficiency.
* Implemented SOAP-based Web Services to enable smooth integration with third-party systems, enhancing the application's functionality and interoperability.
* Led development efforts to customize core applications tailored to the needs of our highest-tier customers, ensuring that their unique requirements were met with precision and excellence.

Technical Consultant Intermediate Dec 2009 – Dec 2013

Blue Yonder Waukesha, WI

* Collaborated closely with customers to understand their needs and translate them into actionable solutions, ensuring alignment between our product and customer expectations.
* Implemented threaded session expiration feature in our core product, enhancing security.
* Provided comprehensive support throughout all phases of projects, from analysis and design to implementation and ongoing maintenance.