

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.

Work Experience

Software Engineering Team Lead
User Experience

The Predictive Index

Oct 2021 – Nov 2022

Greater Milwaukee Area, WI

- Creation of NPM UX library utilizing Angular Materials and AG Grid for 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.
- Manage 3 direct reports.

Software Engineer II
Forecasting

goPuff

Feb 2021 – Oct 2021

Greater Milwaukee Area, WI

- Automated current reporting process improving end user efficiency by over 500%.
- Creation/Release of a cutting-edge web application built on React, elevating user experience.
- Development of new RESTful APIs, utilizing GraphQL to enhance efficiency and flexibility in data querying.

Senior Software Engineer
Essentials

InvestCloud

Jul 2019 – Jun 2020

Greater Milwaukee Area, 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.

Team Lead
New Lending Platform

Finastra

Apr 2016 – Jul 2019

Greater Milwaukee Area, WI

- Introduced Angular animations to elevate the overall user experience.
- Took full ownership of three C# .NET backend microservices, overseeing their development and maintenance.
- Streamlined CI/CD pipeline for an easy development experience

Senior Software Engineer
Consulting Services

Blue Yonder

May 2015 – Mar 2016

Greater Milwaukee Area, WI

- Spearheaded the implementation of Voice enhancements.
- Led collaborative efforts with customers directly to understand their unique needs and tailor solutions.
- Provided on-site support during critical phases such as kickoff and customer go-live.

Software Developer
Dynamim

Iptor

Dec 2013 – May 2015
Greater Milwaukee Area, WI

- Developed Entity Framework RESTful APIs to facilitate seamless integration ensuring data interoperability.
- Implemented SOAP-based Web Service integration with third-party systems.
- Led development efforts to separate core applications to introduce new products

Technical Consultant Intermediate
Consulting Services

Blue Yonder

Dec 2009 – Dec 2013
Greater Milwaukee Area, WI

- Collaborated closely with customers to understand their needs and translate them into actionable solutions.
- 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.

Technologies and Languages

- Languages: Typescript, C#, Javascript, SQL, HTML, CSS
- Libraries & Frameworks: Angular, RxJS, Angular Material, .NET, Entity Framework, Jasmine, Jest, Material Design
- Databases: SQL Server, Oracle, Postgres, MongoDB, Microsoft Azure SQL Database
- Cloud Services: Microsoft Azure, AWS, Google Cloud Platform (GCP)
- Technologies: Azure Pipelines, AngularCLI, Github Actions, Octopus, Jenkins, Docker, Kubernetes, CircleCI

Education and Certifications

- **B.Sc. Computer Science**, University of Wisconsin – Milwaukee 2006-2010