

Alexander Umale

Buffalo, NY (willing to relocate) | alexander.umale@gmail.com | (716) 275-7794 | [linkedin.com/in/alexanderumale](https://www.linkedin.com/in/alexanderumale)

Experienced Senior Software Engineer with 7+ years in developing and maintaining web applications and microservices, specializing in Angular, .NET Core, and Microsoft Azure cloud. Strong experience in leading moderately complex initiatives, contributing to large-scale strategic planning, and delivering high-quality solutions through collaborative teamwork. Expertise in both frontend and backend development, cloud infrastructure, and automated testing.

Work Experience

Senior Software Engineer, Willis Towers Watson - Buffalo, NY **Apr 2023 – Present**

- Lead individual contributor for Benefits Access consumer and admin web portal serving over 200,000 users monthly.
- Led and mentored a distributed agile team of 4 developers, resulting in 20% improvement in sprint completion rate and enhanced collaboration across multiple time zones.
- Spearheaded feature development of option-based benefit selection using Angular – Typescript, C# .Net core, and SQL, providing a new way to enroll in single use benefits along with yearly health benefits.
- Led the modernization and maintenance of benefits web app and critical RESTful microservices using Angular 16, .NET Core 8 and OAuth 2 authentication, reducing response time by 15%.
- Streamlined the code release process by designing a CI/CD YAML pipeline in Azure DevOps, automating deployments and reducing deployment time by 30%.

Lead Software Engineer, Willis Towers Watson - Buffalo, NY **Apr 2022 – Mar 2023**

- Managed the development of dynamic customer info feature using Angular Reactive Forms, ASP.NET MVC and Entity Framework for Admin app, enabling custom consumer information input and improved benefit quote alignment.
- Implemented state-based routing using UI-Router in Angular app, resulting in significantly improved navigation speeds and enhanced user experience.

Software Engineer, Willis Towers Watson - Buffalo, NY **Aug 2019 – Mar 2022**

- Contributed to migrating a monolithic web application to a hybrid AngularJS app and .Net microservices, converting essential services to modern standards, and enabling better maintainable code.
- Enhanced a benefits selection workflow system by enabling parallel workflows, reducing processing time for eligibility changes by 25%.
- Upgraded the localization system with AngularJS component and Indexed DB, which improved support for dynamic, multilingual content delivery and reduced page load time by 15%.

Tata Consultancy Services, Mumbai, India | Systems Engineer **Jul 2015 – Aug 2017**

Academics

State University of New York at Buffalo, Buffalo, NY **Aug 2017 – Feb 2019**
Master of Science in Computer Science and Engineering

Rajiv Gandhi Technical University, Bhopal, India **Aug 2011 – May 2015**
Bachelor of Engineering (Hons.) in Information Technology

Technical Skills

- **Frontend Development:** JavaScript (ES6+), TypeScript, Angular (v16+), RxJS, Bootstrap, HTML5, CSS3, SCSS
- **Backend Development:** C#, SQL, .NET Core, ASP.NET MVC, Entity Framework, RESTful APIs
- **Databases:** MS SQL Server, Redis, IndexedDB
- **Testing & Automation:** NUnit, SpecFlow, Selenium, Jasmine, Karma
- **Cloud Services & Hosting:** Microsoft Azure, Docker, Azure Kubernetes Service (AKS), Nginx, YAML
- **Dev Tools:** Visual Studio, VS Code, Git, GitHub, Azure DevOps (ADO), Azure app insights, Azure build CI/CD