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Michael Wester

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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.

Throughout my career, I've embraced leadership roles, serving as a mentor and collaborator to inspire teams and drive projects to success. My commitment to SOLID development principles has been instrumental in delivering robust and maintainable codebases, while my proactive approach to integrating Agile methodologies and CI/CD practices ensures efficiency and quality in every project lifecycle.

Work Experience

Software Engineering Team Lead	**The Predictive Index**	**Oct 2021 – Nov 2022**
User Experience		Greater Milwaukee Area, WI

Individual Contributor (IC) Full Stack Engineer transitioning logic from role-based access control to attribute-based access control. Subsequently, promoted to Lead Engineer (LE) with the specific objective of conceptualizing and releasing an internal Angular component library.

- 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	**goPuff**	**Feb 2021 – Oct 2021**
Forecasting		Greater Milwaukee Area, WI

IC Full Stack Engineer playing a pivotal role within the new internal Forecasting Engineering initiative. Tasked with developing a green field application aimed at improving our ability to forecast staffing requirements.

- 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	**InvestCloud**	**Jul 2019 – Jun 2020**
Essentials		Greater Milwaukee Area, WI

IC Full Stack Engineer, I played a pivotal role in the development of a greenfield flagship application, showcasing innovative architecture and leveraging a modern technical stack. Following its market launch, helped lead efforts on the follow-up Essentials initiative.

- 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   **Finastra**   **Apr 2016 – Jul 2019**
New Lending Platform   Greater Milwaukee Area, WI

Lead Engineer (LE) of a greenfield initiative, spearheading the effort to replace existing applications with a modern Single Page Application (SPA). Played a pivotal role in delivering a cutting-edge solution to meet our business objectives.

- 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   **Blue Yonder**   **May 2015 – Mar 2016**
Consulting Services   Greater Milwaukee Area, WI

Senior Consultant focusing on bridging the identified gaps between our core software platform and customer requirements within the solutions. This involved either implementing customer-specific changes or devising generic solutions to enhance the core product to better meet customer needs.

- 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   **Iptor**   **Dec 2013 – May 2015**
Dynamin   Greater Milwaukee Area, WI

IC Full Stack Engineer, modernizing of our warehouse management application. Working within a team of four engineers, our objective was to transition from a legacy on-prem VB .NET application to a modern AngularJS web-based solution.

- 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 **Blue Yonder**   **Dec 2009 – Dec 2013**
Consulting Services   Greater Milwaukee Area, WI

Product Development Intern advancing our core product by implementing new features and addressing issues. Upon transitioning to a full-time role, I continued to contribute significantly by assisting in project implementations.

- 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 Framwork, 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