**Software Engineer** with over 13 years of professional experience in both all aspects of the software development lifecycle. Range of experiences in green field projects, legacy thick clients, lightweight RESTful API’s and stand-alone front-end clients. Outgoing, enthusiastic, meticulous and proficient in the software development life cycle from concept to years of support.

**Technical Expertise/Skills**

Programming: Angular, Typescript, C#, Express, GraphQL, HTML, CSS, Node, etc.

Testing frameworks: Jasmine, Jest, Karma, XUnit

Database Experience: SQL Server, Oracle, Redis, Cosmos DB, MongoDB, RedShift, Postgres, Snowflake

Cloud Computer Service Experience: Microsoft Azure and AWS

Tools: NPM, GIT, SVN, VSTS, TFS, Azure Pipelines, AngularCLI, LINQPad, Octopus, Jenkins, Github Workflows

**Professional Experience**

**The Predictive Index, Remote Oct 2021– Present**

**Senior Software Engineer – Inspire 2.0 Oct 2022 – Present**

Inspire 2.0 is a new Predictive Index initiative to reinvent the Inspire solution as a whole. In addition to a new modern version of the Inspire frontend this is a redesign of the entire product offering. Inspire is the Predictive Index’s offering to help build relationships between team members and managers. The main goal of Inspire is to build strong work relationship amongst a team as a whole.

* Initial setup of Angular frontend project, Jest testing and Linting.
* Initial setup of tooling JIRA, CircleCI and Git repository.
* Lead frontend developer/designer for the Product.

**Lead Engineer – Global Experience** **May 2022 – Oct 2022**

Global Experience is an initiative that consists of a small team of engineers, product designers, and a product manager to standardize UI components and overall user experience of the Predictive Index Suite. This initiative is consisting of building a new consumable library in Angular (13 currently) for other modules/micro-frontends to consume. This library is automatically built and deployed in a CI/CD fashion using CircleCI.

* Initial library setup and integration with Storybook (A 3rd party tool).
* Integrate Angular Materials to replace existing infrastructure.
* Direct manager of up to 3 direct reports.

**Senior Software Engineer – Global Feature\Global Experience Oct 2021 – May 2022**

Global Feature initiative is to setup to help manage global standardizations for backend microservices. Global Features focus more around managing permissions/access across all applications in the PI Suite. Global Experience is attempting to integrative Angular Martials and standardize UI components across the PI Suite.

* Lead efforts to implement a UX Library of components with Storybook overview.
* Member of Frontend Internal committees.
* Helped implement new permission control system switching from RBAC to ABAC

**GoPuff, Remote Feb 2021 – Oct 2020**

**Software Engineer** II - Forecasting Engineering

Forecasting Engineering initiative inside of GoPuff is designed to better forecast workload/orders helping to manage and predict resources needed to keep up with GoPuff’s guaranteed delivery times. Developing a new Full Stack React/Express/GraphQL application and Node Docker containers for processing. The Forecasting application is designed to take the current manual processes with multiple variations and standardize metrics across the organization.

* Learning and developing best practices for new React/GraphQL development.
* Developed numerous styled components to bring consistent feel to the new application.
* Setup base infrastructure for new development, builds, release and standalone instances.

**Advicent, Milwaukee, WI Jul 2019 – Jun 2020**

**Senior Software Engineer**

Guided Retirement, a greenfield front-end project, application provides a quick overview and basic insight from Financial Advisors to their end clients about retirement planning. The Essentials project, a greenfield full stack project, provides a more robust solution allowing for a larger customer base to access great financial planning. Both solutions utilized an Angular 8 front end communicating with a C# RestFUL micro service API backend. Both are fully built and deployed utilizing Azure Pipelines and docker containers.

* One of 4 required Angular developers pull request approvers, ensuring quality code.
* Started the new Essentials Angular Front-end project from scratch.
* Developed and released two new greenfield applications.
* Functioned as team lead for 3 software engineers, 1 QA engineer and 1 automation engineer.

**Finastra (formally D+H), Mequon, WI May 2016 – Jul 2019**

**Software Engineer Sep 2017 – Jul 2019**

Point-of-Sale Mortgage system development engineer, enhancing the legacy application providing banks with a SaaS solution, enabling them the ability to provide and process mortgage applications online.

* Implemented features to comply with ADA (American Disability Act) in association with WCAG (Web Content Accessibility Guidelines).
* Implemented integration with 3rd party applications to provide robust integrations for mortgage options and rates for the current market.
* Transitioned from aging TFS infrastructure to decentralize VSTS with Git hosted ontop
* Transitioned to modern technologies and best practices (i.e. Angular 4, Visual Studio 2019, Kanban from SAFe scrum).

**Software Engineer - Dev Lead** **May 2016 – Sep 2017**

Development Lead of a small team, 3 software engineers, 2 QA engineers, 3 offshore-software engineers), on a new green field product, NLP (New Lending Platform). Composed of an Razer MVC/Angular 4 front-end paired with C# .NET backend API and being deployed utilizing Microsoft Azure and Octopus.

* Gatekeeper for pull request changes into the main branch to ensure best practices and code quality.
* Developed multiple components and services to be consumed by our SPA and PWA.
* Implemented Angular animations to provide a stimulating overall User Experience.
* Implemented a new Angular Front end from beta to release candidate ending in Angular 4.

**Blue Yonder (previously JDA), Waukesha, WI May 2015 - Apr2016**

**Senior Consulting Software Engineer**

Implantation Service - Developmental Services Engineer addressing identified gaps between our core software platform and the customer needs. Frequently requested gaps by multiple customers were worked to implement features inside of the core product warehouse management suite in addition to specific customers.

* Implement Voice enhancements introduced to the core product.
* Lead efforts collaborating with customers directly to meet their needs.
* Provided on-site support during customer go-lives to ensure the system is meeting the customer needs.

**Iptor (formally IBS AB), Brookfield, WI Nov 2013 – May 2015**

**Software Developer**

Software development engineer looking to modernize the current Dynaman application from VB .NET monolithic application to AngularJS and C# API based application. Also was selected to spearhead a project to modernize and create integrations with 3rd party applications replacing SSIS with Java RESTful/SOAP web services.

* Developed Entity Framework RESTful API’s for integration with internal and external systems.
* Implemented SOAP base Web Services for 3rd party integrations with the WMS.
* Helped lead development efforts modify core applications for S tier customers.

**Blue Yonder (previously JDA previously RedPrairie), Waukesha, WI Dec 2009 – Nov 2013**

**Software Architect Intern/Senior Software Engineer/Technical Consultant Intermediate**

Product Development Software Architect Intern working on new features and bug issues for our core product. Transitioned full time software engineer in our implementation services department and assisted in project implementations collaborating directly with customers to identify gaps between our product and their needs.

* Implemented new features to provide threaded session expiration in our core product.
* Worked on Johnson & Johnson, Georgia Pacific, Valspar and lead development efforts for MDL.
* Provided Analysis, Design, Implementation and Support for different phases of projects.

**Education**

University of Wisconsin - Milwaukee – Milwaukee, WI, Bachelor of Science in Computer Science