Michael Kitchell

Expert Software Engineer at Bayer

8500 Maryland Ave, 626, St. Louis, MO, United States, 63124

618-980-9728

michael@michaelkitchell.com

www.michaelkitchell.com

Key Skills

- Angular
- Nest
- TypeScript
- React
- AWS
- C#
- .NET MVC
- Ionic Framework

I am a seasoned software engineer with over a decade of experience in web and software application development. Proficient in a wide range of technologies, including .NET, JavaScript, and AWS, I have a proven track record of leading high-performing teams and driving innovative solutions. I am passionate about mentoring and inspiring cohesive teams, fostering an environment of collaboration and knowledge sharing. My problem-solving skills and dedication to clean and robust code, thoroughly tested, have consistently contributed to the success of projects and the growth of my teams.

Professional Experience

Bayer   October 2022 - Present
Expert Software Engineer

- Led development and maintenance for the Risk Assessment suite used for early detection of allergens and toxins within plant DNA sequences. Built with React and TypeScript on the front-end, Node and ExpressJS on the back-end, and Postgres for database management.
- Managed and maintained cloud-native queue infrastructures between multiple microservices using AWS SQS and SNS.
- Architected and built an application allowing users to review and assign statuses to various plant genomes. Worked directly with stakeholders to develop product specifications and delivery timelines, and coordinated releases and customer acceptance. This application was a cloud-native serverless application using AWS Lambda to fetch and store external API data and AWS SQS to communicate to downstream services. This data was also surfaced to users to search and manage via a React and TypeScript front-end application.

Lumeris   September 2018 - October 2022
Principal Software Engineer

- Spearheaded the redesign of the member letter processing UI, crucial for enrollment specialists managing healthcare subscriber notifications. Transformed the legacy WebForms system into a modern, user-friendly interface using Angular and Bootstrap, resulting in a more appealing and responsive user experience.
- Collaborated in the development, maintenance, and enhancement of a cloud-based customer service portal, empowering representatives to efficiently handle incoming calls and access member and provider data. Leveraged AWS Glue with Apache Spark for seamless data integration, implemented a NestJS REST API, and crafted an Angular/TypeScript front-end.
- Provided technical leadership and mentorship to a team of 5 software engineers, fostering a collaborative and high-performing development environment.
- Orchestrated the end-to-end software development lifecycle, from requirements gathering to successful delivery, for a comprehensive overhaul of the Member Portal, enhancing user satisfaction and operational efficiency.

We Are Alexander   July 2017 - September 2018
Software Engineer

- Oversaw and improved a project management application serving Anheuser-Busch's solutions department. This multifaceted project featured a mobile app developed using Ionic, alongside a Single Page Application (SPA) built with Angular, supported by a .NET REST API.
- Played a key role in enhancing a responsive web application integrated into the Corona UK marketing platform. The project leveraged VueJS for the frontend and a Laravel REST API for robust functionality.
- Maintained and enhanced a profit calculator hybrid mobile app, powered by Ionic, utilized by Anheuser-Busch sales representatives to illustrate product profitability to potential vendors.

ClubReady, Inc   January 2017 - July 2017
Software Developer

- Managed and improved a widely adopted gym and health club management software. Leveraged an MVC REST API (C#), Entity Framework, and a jQuery frontend for robust functionality.

- Enhanced the software by optimizing and maintaining T-SQL stored procedures on Microsoft SQL Server.
- Demonstrated commitment to code quality through collaborative group code reviews and proficient use of source control systems like Git.

Preferred Systems Solutions   February 2015 - January 2017
Senior Software Developer

- Managed and improved a cargo-tracking application critical to the Department of Defense's oversight of international shipping container movements. Successfully migrated legacy components from WebForms with Visual Basic to a modern .NET MVC (C#) architecture with a responsive jQuery frontend.
- Optimized and expanded the functionality of stored procedures using T-SQL on the Microsoft SQL Server database, ensuring efficient data handling and retrieval.

Acumen Consulting   November 2013 - February 2015

Software and Web Developer

- Created and sustained an internal task management ASP.NET application, built on the MVC framework with Entity Framework integration. The project also incorporated Selenium WebDriver (C#) for automated testing.
- Designed and implemented customized content management solutions for local clients using WordPress (PHP), providing tailored web solutions to meet their specific needs.
- Enhanced and maintained an eCommerce platform dedicated to sports equipment, leveraging Magento (PHP) to optimize the website's functionality and user experience.

Education

Southwestern Illinois College, Belleville, IL
Associate's Degree in Computer Information Systems 2012 - 2014

Certifications

Security+   February 2015
CompTIA

Received for successful completion of CompTIA Security+ exam.

C# Programming   December 2013
Southwestern Illinois College

Received for successful completion of the occupational program of study in C# Programming.