mikeuttech

Providing Cloud Solutions on Azure and AWS
Architecture/Strategy/Development/DevOps

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Rogers, MN

Key Technical Skills

- Azure, AWS, GCP
- C#, VB/VB.NET, PHP, Python
- ASP.NET MVC, .NET Core
- HTML5, CSS/SASS, Bootstrap
- JavaScript, Vue.js, AngularJS/2

- Visual Studio 2005-2017
- MS SQL Server 2005-2016
- MySQL
- Oracle10g
- SSRS, SSIS, P2P Replication

- TFS 2005-2015, Azure DevOps
- Git, SVN, TFVC
- TeamCity, NAnt, MSBuild
- JIRA, VersionOne
- Fiddler, Postman, Swagger

Experience

uttechnologies **Principal Consultant** *Rogers, MN* August 2013-Current

Focusing on web and mobile technologies utilizing cloud providers. Providing strategy, technical architecture, development, implementation, and troubleshooting to a wide range of companies and industries. Rescued multiple projects by analyzing current state, providing approach for recovery and implementing plan to achieve success.

- Architected and implemented a CMS and Commerce solution for a Digital Transformation project for a Building Product Distributor allowing customers to not only place orders online, but also track deliveries, see proof of delivery, view and edit orders, and view their invoices. Successfully scaled from $25k of Orders/Day to over $2.5MM Orders/Day. Utilized EPiServer DXP, Episerver Find, Vue.js, Azure App Service, Front Door, Search, Table Storage, Blob Storage. Created CI/CD pipelines using Azure DevOps and Bitbucket.

- Created provisioning and CI/CD pipeline for Sitecore CMS deployment to Azure utilizing ARM templates. Initially brought on to rescue an internal project using custom PowerShell scripts that was behind schedule and led the re-thinking of the process to allow upgrades while maintaining customizations. Used Azure Resource Manager, TeamCity, Octopus Deploy and Bitbucket.

- Developed and published an iOS and Android app using Xamarin with EPiServer CMS as the back end for data and content. Brought on mid-development to replace an agency that was unable to deliver. Provided the client with an assessment of current state and a plan to completion. Used Xamarin Forms, Prism, EPiServer DXC

- Architected and developed a new portal-based eLearning platform utilizing ASP.NET Core, Entity Framework Core and Azure. The system allows customers to create training content that is consumed by their users. Used Azure App Services, Queue, SQL, Service Bus, Blob Storage, Search, Traffic Manager and AppInsights. Implemented continuous build and deployment via Visual Studio Team System Build and Release. Developed front-end proof of concept for the platform utilizing Angular 2.

- Developed functionality for an AngularJS application to simplify the creation of classrooms in a school management system by implementing a wizard to create easily digested steps using AngularJS, SASS, HTML5, and ASP.NET MVC WebAPI.

- Provided strategy, development, and troubleshooting services for an Azure hosted web solution in the educational space. Developed an online scheduling system to allow educators to request virtual field trips for their classrooms from industry experts. Utilized C#, ASP.NET MVC, Redis, and SQL Azure.

- Spearheaded a large data migration project that combined a MySQL and a MSSQL database from two legacy systems into one unified Azure SQL database that allowed for a zero-downtime migration with no data loss.

- Rescued an eCommerce upgrade that was over-budget and behind schedule by examining the current state of development, providing a plan for successful deployment, completing the development and launching the system. Used ASP.NET MVC with Commerce Server 10.

- Led the re-writing of a product configuration tool and delivered the project successfully by working directly with the business group achieving an on-time and under-budget release that increased usage 20% year-over-year. The solution was used in subsequent years by modifying data, versus being re-written every year as the company had previously done. Used ASP.NET MVC, jQuery, and MSSQL.

POLARIS   **Technical Architect**   *Plymouth, MN*   August 2014 – August 2015

Hired into a new role, after providing services on contract, to provide architectural direction and strategy for a new effort to implement a commercial Content Management System with custom developed enhancements, deployed to a cloud hosted environment. Implemented SDLC standards including product planning, daily scrums, continuous delivery, automated testing, source code branching strategy and documentation requirements for all new interactive development efforts across the Polaris web properties.

- Researched both Microsoft Azure and Amazon Web Services and worked with both vendors to determine the best fit for Polaris. Deployed proof of concept code to both environments to validate my investigations and developed an implementation plan for the new platform. Used Azure App Service, Azure SQL, AWS Elastic Beanstalk, AWS RDS, AWS ELB.
- Formulated technical requirements in an RFP process for selecting a CMS and Commerce solution to fit the needs of Polaris. Researched each system and developed proof of concepts for EPiServer, Sitecore, Kentico, and SiteFinity.
- Developed solution architecture and branching strategy to support continuous delivery of product launches and functionality enhancements that reduced the amount of regression testing required as well as improving the customer experience.
- Created dynamic image resizing solution for ecommerce product images to replace legacy JavaScript image resizing project. Deployable both internally as well as to AWS EC2 instances with S3 buckets as needed.
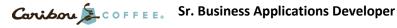

AmeriPride   **Lead Web Developer**   *Minnetonka, MN*   August 2013-October 2013

Recruited to start new development team and put in place standard SDLC processes. Developed and deployed Invoice Presentment and Payment system within InsiteCommerce. Used VersionOne and TFS.

Caribou COFFEE.   **Sr. Business Applications Developer**   *Brooklyn Center, MN*   August 2012-August 2013

Brought on-board to stabilize the development group and provide development guidance for all development activities supporting both line-of-business applications as well as marketing efforts. Worked with a wide range of business groups to provide guidance for their technology needs as well as being involved in annual planning for digital initiatives.

GAGE   **Sr. Developer Lead/Technical Lead**   *Plymouth, MN*   May 2005-August 2012

Architected and implemented solutions that met client's needs, while staying within timeline and budget. Oversaw the workload for a team of 5 developers. Responsible for technical discussions between prospects, clients, account management, and project management. Lead developer on multiple client projects including sweepstakes, instant win, eLearning, loyalty and custom web-based solutions to support marketing efforts.

Education

University of Minnesota Duluth   **Bachelor of Business Administration; Management Information Systems**

- Dean's List 4 semesters. Graduated with Degree Honors: Distinction in Major