

Michael Strange

Web Development, Mobile Development, Design and Usability

Summary 10 years experience developing web applications
1 year experience developing mobile applications
Strong usability and design background
Detailed oriented, solution focused professional, eager to contribute

Development HTML, CSS, JavaScript, JQuery, AJAX, .NET C#, Xamarin, MSSQL, Team Foundation Server, Git

Software Visual Studio 2017, SQL Server Management Studio, Photoshop, Illustrator

EMF Broadcasting (klove.com air1.com)

June 2013 to Present

New Media

Application Developer

- Worked on Amazon Alexa APIs and Amazon Alexa portal
- Currently refreshing the K-LOVE and Air1 web sites into Sitecore CMS
- Working in an agile team environment of 7
- Implemented adaptive redesign of the live stream player
- Currently working on a responsive refresh of the live stream players in Sitecore
- Wrote restful web services for use in the web player, mobile apps and web sites
- Created and updated widgets, user controls and templates for the Ektron CMS
- Moved Air1 code base from a static to responsive Foundation site
- Implemented responsive redesign of the K-LOVE web site using Twitter Bootstrap
- Currently learning ASP.NET Core and Entity Framework Core to build web administration site
- Using Xamarin in Visual Studio to build both iOS and Android apps

Technologies used: **ASP.NET Core C#, Entity Framework Core, Xamarin, Git, JavaScript, Zurb Foundation, Twitter Bootstrap, jQuery, Visual Studio 2017, SASS, Gulp**

Matheson Trucking

June 2012 to June 2013

IT Department

Web Developer

- Implemented designers wireframes into standard HTML CSS web site
- Created Employee and Department directories using SQL Server Reporting Services
- Coded Windows Services that read CSV text files and Excel spread sheets from email attachments via Exchange Web Services and inserts data into SQL using stored procedures
- Implemented the move from Visual Source Safe to Team Foundation Server
- Built event tracking software for the call center using the Dev Express Grid, Silverlight, JavaScript and .Net Web Services (AJAX)
- Data display applications for the Master Control Center

Technologies used: **SSRS, Windows Services, Exchange Web Services, Open XML, Team Foundation Server, Visual Source Safe, DevExpress Controls, ASP.NET 4.0 C#, JavaScript, Visual Studio 2010, Silverlight, XHTML, CSS**

Safe Credit Union

February 2012 to May 2012

IT Department - Web Services

Microsoft SharePoint 2010 Developer

- Master page branding and design
- Search implementation
- Document conversation via Visual Studio 2010 workflow
- Publishing page template design

*Technologies used: **SharePoint 2010, ASP.NET 3.5 C#, JavaScript, Visual Studio 2010, Photoshop CS5, Illustrator CS5, XHTML, CSS***

Sacramento Public Library

March 2008 to February 2012

Marketing / IT Department

Web Developer / Designer

- Worked with a committee and designer to build a new web site. Site eventually evolved into a simple content management system secured by active directory. Site content is stored in MS SQL Server 2008 R2 database. Data is delivered and manipulated through a combination of stored procedures and direct query. Web services, JavaScript, and C# code behind are used to deliver data to the pages.
- Created custom UI for several library subscription software packages using provided XML RSS feeds. This includes enhancements to the XML feed in the events software that's written in classic asp with a MySQL database. The XML is ingested by several ASP.NET classes then cached in web services to deliver to the page. The page then progressively loads dynamic data using .NET script services and JavaScript based on users events.
- Updated the design and code on the libraries commercial site. Site runs completely on JavaScript without any postback on page changes or form submission.
- Built custom volunteer tracking and reporting software. Software includes four components, a public sign-up form, backend maintenance and reporting site and volunteer timesheet. Maintenance site is a complete JavaScript application secured active directory.
- Structured much like the volunteer tracking software the Summer Reading application has a public sign-up form, backend maintenance and live reporting site. Wireframed from the ground up based on the needs of children's librarians.
- Designed and coded web enabled digital lobby signs for branches that display current and upcoming events.
- Wrote documentation for users and programmers.
- Built a simple version of the public web site for a specific set of limited mobile web browsers.
- Captured network usage data from Solar Winds to create web custom reports.
- Continued user training classes that ranged from one on one to groups of 20 or more. Trained on both the custom applications and purchased software, including direct support via email and IT helpdesk ticketing system.

*Technologies used: **ASP.NET 4.0 C#, JQuery, JavaScript, AJAX, Visual Studio 2010, SQL Server 2008 R2, TSQL, Photoshop CS5, Illustrator CS5, Flash CS5, XHTML, CSS, XML, Web Services***

SBM Site ServiceDecember 2006 to March 2008*IT Department**Web Developer / Designer*

- Worked in a team of three on a customer portal built on top of a highly customized version of DotNetNuke. Designed and coded data visualizations for the portal using Infragistics, Dundas and Crystal Reports.
- Debugged legacy ASP.NET 1.1 C# code in Visual Studio and SQL Server stored procedures in response to customer helpdesk tickets.
- Made improvements to both UX and UI portal design.
- Implemented data workflow improvements between the human resources system, finance, and the customer portal.
- Designed and maintained custom Windows PDA site inspections software and hardware.
- Trained users nationally via webEx, phone, and email on web portal and PDAs.

Technologies used: **ASP.NET 1.1 C#, SQL Server, JavaScript, Visual Studio 2008, Photoshop, Illustrator, Flash , XHTML, CSS, XML, Web Services**

Beutler CorporationOctober 2003 to December 2006*Marketing & Communications Department**Webmaster / Multi Media Producer*

- Video production: script writing, photography, editing
- Still photographer
- Designed and coded a new data driven web sites using Microsoft SQL Server, ASP.NET 2.0 Visual Basic.
- Built a Flash web site for a second company brand. Site included an appointment request form on the forward facing site in Flash and an appointment and user management tool in .NET on the backend.
- Coded a small web based CRM system for sales staff
- Wrote a marketing collateral inventory and ordering system.
- Designed interactive sales display system.
- Designed interactive CD ROM Business cards using Lingo Script for Shockwave and Flash action script.

Technologies used: **ASP.NET 2.0, Visual Basic, Flash Action Script, Lingo script for Shockwave, CSS, SQL server**