

PROFILE

I am a Senior Flex and Actionscript 3 software developer. I developed a passion for coding and multi-media experiences in the Flash Player around the year 2002. I started out developing web sites and promotional projects for many of the bands and record labels in Nashville TN. This quickly allowed me the experience of developing for clients that had super tight deadlines and team collaboration is key in making the projects meet there goals.

After devoting so much of my time developing Flash sites and applications I took that a step farther and started doing real development on the Flash platform using the Flex framework. This has also lead me in to developing in other languages such as Ruby on Rails, Java, and PHP.

Over the last couple of years some of the applications that I have gotten to develop are things like Chat applications using Flex and XMPP server, Live Video streaming applications using Flex and Red5 (and FMS server written in Java), scheduling app using Flex and AMFPHP, and the usual multi-media apps using sound, video playback and images. More recently I am stepping into the mobile development space and developing applications for iphone and ipad.

I stay really involved in the Flash and Flex community by running the Nashville Flash Platform User Group and posting development examples and tutorials to my blog.

Over all being a developer and using my skills to solve problems is the coolest thing ever and I love what I do.

Places to find me on the web:

- <http://mattwallace.me>
- <http://615flash.com>
- <http://www.linkedin.com/in/mswallace>
- <http://twitter.com/matthewswallace>

SKILLS, SOFTWARE & TRAITS

KEY SKILLS:

- Flex 2.0, 3.0, 4.0
- Actionscript 2.0, 3.0
- AIR
- MVC Architecture - Robotlegs
- MVC Architecture - Parsley / Spicefactory
- MVC Architecture - PureMVC (my personal favorite)
- Flex Skinning & Styling
- Flex States, Transitions, & Effects
- XML, Web Services & RemoteObject
- System Analysis and Design
- Red5 (Java based FMS server)
- Flash Media Server 3
- Java
- Ruby on Rails
- PHP
- Lua
- Javascript
- CSS
- HTML
- svn
- git (preferred)

SOFTWARE:

- FDT
- FlexBuilder 2.0, 3.0
- FlashBuilder 4
- Flash IDE
- Eclipse
- Bugzilla
- Photoshop
- Illustrator
- Fireworks
- Coda

KEY TRAITS:

- Ability to think through the problem and come up with a solution
- Willingness to learn new technologies fast.
- Excellent communication skills
- Ability to use the resources around me to finish the task
- Strong sense of what the user needs and how they will use the application
- Work really well with other developers and able to know who is best for the solution

EXPERIENCE

SENIOR FLEX / FLASH CONSULTANT AND RUBY ON RAILS APRIL 2011 - PRESENT

Consulting

Currently on a contract with several clients. I have been developing some web and desktop applications for the San Diego, CA Grossmont school district. One of the applications is a AIR app that notifies teachers and administrators at the school in real time when there is a new disciplinary action submitted on a student and the application allows them to assign the student to individual school administrators so they can take action. The second app that I am building allows teachers to brows and search student data based on grads, gender, race, class and many more features in order for them to view charts and data showing student performance.

Also recently I have developed some Flash games and apps for clients such as Quaker Oats, Caribou Coffee, Bevmo Wine, and a few others. I was also asked to build server side API's for these apps and some content management features. I created the server side API's using Ruby on Rails.

SENIOR FLEX / FLASH CONSULTANT AUG 2010 - APRIL 2011

Healthways - Senior UI Developer

Healthways offers comprehensive solutions that improve well-being, decrease healthcare costs, enhance performance and generate economic value for our customers.

In my roll with Healthways I have provided several Flex applications to improve there over all portal experiance for users. The applications have helped users track medication, stress levels, depression and many other aspects of the users health.

The primary functionality that I built allowed the applications to make calls for JSON formated data in order to display medical information to the user and also to allow the user to update there info by selected from the different interfaces and updating the Healthway's services with there lates medical information such as what foods they are eating, medications they are taking, stress and depression levels and so on.

SENIOR FLEX / FLASH CONSULTANT FEB 2010 - AUG 2010

Digital Reasoning - Flex Developer

Digital Reasoning is an emerging leader in providing solutions that resolve the fundamental problem of information overload for analysts and decision makers by delivering entity-centric applications on secure, scalable environments.

I am currently working on an AIR application developed in Flex 4 that they use to show different data visualizations that their proprietary backend provides. The application has different windows that utilize charting and custom visualizations.

The primary use of the software that I am working on right now is used in military installations for analyzing things like terrorist activities.

SENIOR FLEX / FLASH CONSULTANT JAN 2010

Dealerskins.com streaming video player project

On this project I built a flex 4 application that was used within the Dealerskin application to allow car dealers to stream video content of the cars that they have for sale on the site.

In this application I used the new Flex 4 VideoPlayer component and provided a way for them to custom skin the component dynamically for each dealer in there system. Also some custom components where added to allow the dealer to have a "play list" of cars with in the player that are shown as thumbnails over the video player. Similar to the youtube player that you see at present when a video finishes playing.

The player was then tied into a Flash Media server to stream the content.

SENIOR FLEX / FLASH CONSULTANT OCT 2009 - DEC 2010

Adobe Systems / Technical Services - Developer on a project for "World Economic Forum"

Adobe Technical Services brought me in as a consultant to work for there client, [The World Economic Forum](#). The project has consisted of taking there existing web application and converting it to a Flex app that uses Live-cycle Data Services to use there existing web services to supply the app with data. The app that we are building will be used by World Economic Forum members as they attend the January Meeting and all the other meetings throughout the year. The app allows members to look at sessions, Forum news and events, allows members to meet and form groups, attend sessions at Forum events, manage there agenda and much much more.

- Built the credit card transaction interface for the application. This allows the user to add, edit and confirm there credit card information.
- Built the interface and functionality to allow users to add and remove conference sessions to their personal agenda. This helps the user keep track of what sessions they will be attending during the Davos conference.
- Built an inter face that will allow users to add personal calendar or agenda items to there calendar. The functionality also allows the user to view, edit and remove the same items.
- Continued helping the team fix application defects and do testing on existing code and features that have been built over the life of the project.
- Implemented UI designs for Flex components and features.
- Helped with code refactoring and performance testing.

SENIOR FLEX / FLASH DEVELOPER APRIL 2008 - SEPT 2009

Moontoast LLC - Online community for learning.

- Built the Moontoast Live Video and Chat application built using Flex. The app connects the users via a live video stream. The application also allows the users to share files with each other.

- Built a Red5 FMS Java application that allows the Moontoast Session Player to stream video, share files, chat with users and Authenticate users against the Database for starting the video session.
- Architected a Flex based calendar / scheduling application. This Flex app allows Moontoast users to set available time and other users can view the calendar and select the time they would like to book with that user for a video session.
- Video player application that will allow users to show sample videos of there work built in Flex and all real time data was to be passed back and forth using AMFPHP.
- Moontoast Chat application hooks up the logged in user to chat with other users built in Flex and hooks up to a Jabber XMPP server to handle chat messages.
- Rating stars is a small Flash app that I built. Users hover over the star rating and click to submit a rating on a user that you participated in a session with. This app sends the rating to the server using AMFPHP calls.
- Flex and Flash Skinning was all coded and completed by me after the design handed off the mockups.

Remarkable Wit LLC - Web development shop

- AmericanSongSpace.com - Developed a MP3 player application for song writer profiles on the site. Each user could create a playlis. The songs for that user would be loaded into the application when you go to that users profile. Added features allow you to search the playlist in the player itself.
- AmericanSongSpace.com -Song Cropping tool built in Flex allows users to load MP3 files into the app and slide a slider to store the 30 sec. cropped area to the database.
- AmericanSongspace.com - Photo Cropper. This is a Flex application that allows users to upload a photo for the profile avatar. The photo is loaded and the user can resize the image and the new image is saved by sending Base64 data to the server.
- AmericanSongSpace.com - Mini mp3 player built in flash. This is to play a single song next to a each song on a search results page and also next songs that are loaded on the homepage and just about anywhere on the site they want to show a preview of a single song.
- AmericanSongSpace.com - Song Uploader was built for a section of the site that users can run contests around a particular song. The app is a simple flash app that allows the user to upload a song to there contest page.
- Moontoast LLC- Remarkable Wit LLC development team Merged with Moontoast most 2009 so most of the applications for Moontoast LLC listed above started development when the company was just Remarkable with. (***Session Player, Calendar app, Red5 development, Video player, Rating stars***)

PRESIDENT AND FOUNDER OF NASHVILLE FLEX / FLASH USER GROUP — 2006 - PRESENT

Nashville Flex / Flash User Group

- Founded the group and started meetings mid-summer 2006 grew membership to over 50 by end of year
- Set up meetings, schedule presentations and teach at meetings.
- Involve myself in the Flex and Flash community nation wide so that I can provide the best info possible to the user group.
- Attend Monthly Flex Manager Meetings with Adobe.

- Early 2007 we had our first Adobe Flex Tour event with Ben Forta of the Adobe Evangelist team. I hosted the event and brought in lots of sponsors and helped grow the Flex community and added to our membership base and grew the group to over 90 users.
- Grew the group to over 100 Users by end of 2007.
- Managed another User Group tour for Adobe 2009 with Gregory Wilson in support of the Flex 4 release.
- Administrator of the user group site <http://615flex.com> now in transition to become <http://615flash.com>

MATTHEW WALLACE WEB DEVELOPMENT — 2004 - 2008

BuzzPlant Work

Micro sites and ecards

- Move photo shop mockups into Flash assets
- Add animation and functionality to elements such as menus and artwork that needed animations and transitions
- Create multi-media aspects to the projects such as video and music players
- Grab artist or site data and load dynamic data via database calls or XML

Echo Music (Now Ticketmaster)

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Sitening

Best Magazine by Best Buy

- Take the Best magazine assets from PDF documents and some photoshop files and create page layouts that would work with in the Flash Application that will be showing the content
- Create Flash Animations of some of the products with in the magazine so they could show functionality or add nice transitions to he pages
- Load dynamic data such as magazine article content via XML or provide layers of content with in the application to load the magazine data.

Radiant Ministries

Flash based web site for a youth conference

- Design, and develop site flow and mockups
- Created complex animations and transitions for the site
- Load dynamic data via XML files to populate site
- Create Paypal ordering system for booking registrations and also selling t-shirts

Vacuum Center

- Design new layout and assets for the site
- Created Shopping cart based site using ecommerce platform.
- Custom PHP work to get some of the shopping cart features and account functionality that the site needed
- Move existing inventory from the old site to the new
- Hook up all the payment authority and authorization functionality via credit card processing company, paypal, and google checkout.

Caterer Connection

- Design and mockup layout for the web site and architect what type of solution we should use for the site to do membership and payment processing
 - Build an account driven site that caterers can join and build menus of food items they can offer at events.
 - Build a PHP based shopping cart so the caterers can pay a monthly fee to offer there services on the web site.
 - Build a contact form and booking solution so users that are not caterers can order the menu they would like, date they would like the event catered and submit the info for review by the caterer.
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