

Michael Oscar Boski

Objective

Keeping up with fast-paced changes in Technologies and integrating them into my world, thereby making my life more productive and enjoyable.

Career Accomplishments:

- Created Shake and Say iPhone App.
 - I am particularly proud of this project because it was an original creation from beginning to end, except for the still frame drawings done by an artist friend.
 - I created the concept, wrote the code, recorded the voices, animated the animals and got it on itunes.
 - Additionally, this was not designed for a client, but a hobby project that materialized into a professional grade product.
 - You can find a video demo here: <http://boski.com/shakeAndSay/>
- Created Bookzee award winning iPhone App for the NYC Big City Apps Competition.
 - Bookzee – a library book search application that allows users to enter a book title or author to find the nearest library currently holding it.
 - Support discontinued after Library changed their data structure.
 - <http://nycbigapps.s3.amazonaws.com/index.html>
- Created NYC Restaurant Scrutinizer iPhone App for the NYC Big City Apps Competition.
 - Provides an up-to-date breakdown of every NYC restaurant inspection result. It's easy-to-use interface gives access to about 19 thousand pages of information.
 - In addition, you can use the app to:
 - Email violation results to a friend.
 - Map the establishment.
 - Call the establishment.
 - Read reviews.
 - No longer active on itunes.
 - Is available for ANDROID and BLACKBERRY Tablet.
- Created a Streaming Simultaneous Video Viewing party Web App. using AS2 and Jabber.
 - Chat host could pause, seek, and select a new video.
 - All other users would see the same video synchronized with the host and be able to chat about it.
- Created a Streaming Video Web App. using AS2/AS3 / AMFphp remoting / mySQL.
 - Flexible, skinnable and with a robust API. It was used on over 1000 web pages.
 - Served over 400,000 different pieces of content.
 - This video player was used to serve over a terabyte of data/videos per month in 2007.
 - Written with Dynamic Stream switching before Adobe added it to the flash player. Hulu tried to emulate this but failed and had to use our code verbatim.
 - Switching from WiFi to Wired Lan during video playback was unheard of in 2007. This feature was born from my motivation to enhance the product. I'm solely responsible for its creation and implementing it into this video player.
 - The Multiple Simultaneous Avenue test for streaming quickstart.(A way to test all routes to play a stream at once instead of sequentially).
 - Tech/languages used: Flash 8 and 9 Programmer/ PHP / mySql integration for Data driven Web Apps.

Experience

2017 Dec to current

Big Data Solutions Engineer

Freelancer(Client: Medikly)

*NiFi, Spark, Java, Hadoop, Hive

NY(Remote Miami)

Highlight: Building out custom Big Data Solution

Key Projects:

- Using and modifying Nifi Templates and to import Postgres Database tables into Hadoop and Hive
- Using Nifi to monitor a folder for uploaded CSV files with a subset of users ids then running a Spark job to analyze that subset of users.
- Used the KYLO(<https://kylo.io>) and customized it with a new page to display the custom analytic results. This allows for an analyst without and IT background to run the custom reports.

2017 Dec to current

Freelancer(Client: The Curry Rockefeller Group)

NY(Remote Miami)

Mobile App and CMS backends Solutions *Xcode, PHP, MySQL, Apache, Cordova

Highlight: Building out custom Mobile Apps and backends for a complete end to end solution.

Key Projects:

- Created a custom CMS allowing for creating menu items with sub menus linking to videos, Slide presentations with hotspots(linking to other slides, URLs or PDFs)
- Created a bulk slide upload tool allowing users to upload a CSV with info on the slides, chapters subchapters and hotspots and a Zip file containing all the slide images and PDFs the slides linked to.
- Created a web front-end for users that preferred using their computer and an iPad app that connected to the backend and downloaded all assets locally for sales reps to be able to present without worrying about internet access.
- A windows store App was also created: client was going to rollout Windows Tablets but then stuck with iPads

2013 Aug to 2017 Nov

Oath(Formerly AOL: merged with Yahoo)

NYC

Managing Lead Software Engineer *HTML5/CSS3/Node/ JS /PHP

Highlight: Managed a team of 4 software engineers building a component based HTML5 ad format that worked across phone, tablet and desktop.

Key Projects:

- Converted all our current flash based ad formats to HTML5
- Implemented NodeJS/Grunt build system to compile ads down to a smaller file size by only compiling in the minimum amount of code needed for each different format.
- Implemented deployment of files to S3 using a build scripted.
- Trained team on advanced debugging techniques for iOS and android including use of AVD, iOS simulator, Weinre, Vorlon and Charles proxy.

2009 Dec to 2013 July

pictela.com acquired by AOL Dec 16 2010

NYC

Lead Senior Software Engineer *HTML5/CSS3/AS3/JS/PHP

Highlight: Took a startup with one ad format, expanded it to over 9 formats and was acquired by AOL.

Key Projects:

- Created templated HTML5 Mobile and Tablet ad formats.
 - Created a 320x50 expandable ad for smartphones.
 - Works on web pages and in App advertising(for example in the Pandora App).
 - Via a CMS you can upload images and enter captions and links for your ad.
 - Also supports Video, Maps with Points of interest, Facebook and other Content Feeds
 - Created a 768x90 expandable ad for iPad.
 - Works on web pages and in App advertising(for example: The Huffington Post App).
 - Via a CMS, you can upload images and enter captions and links for your ad.
 - Also supports Video, Maps with points of interest, Facebook and other Content Feeds
- Worked on a Flex Ad Distribution technology.
 - Got the Frontend-Client down to 50% its former Kilobytes with no loss of options/features.
 - Debugged features that current team could not find solutions for.
 - Convinced the team that we needed to move to a flex free solution for the next iteration.

