

TECHNOLOGY: Languages: PHP, Python, C#, JavaScript, SQL, VB, VB.Net
 Services: Redis, Memcached, Rabbit, Oracle, OpenStack Swift, Splunk
 Frameworks: JQuery, Prototype, MooTools Slim.php
 Other: Jira, Travis, git, svn, Confluence, Code Collaborator, Fisheye

EXPERIENCE:

09/13 – Present SoftLayer Technologies, an IBM Company

Development Lead

- Developed Hardware Matching python service with >90% code coverage
- Designed testing suite for vetting third party encryption service
- Wrote request tools for assisting customers with API usage (request browser)
- Rewrote existing image transfer/editing system to allow service scaling from 14 datacenters to 40+
- Developed APIs for allowing customers to import and export images into the SoftLayer system
- Hosted several talks (learning sessions) teaching the company how to collect data and notice trends using Splunk
- Lead scrum team of 5 developers
- Trained new developers in existing systems
- Wrote an extensive note-taking application used by several developers
- Evaluated scope of potential system failures and helped multiple teams learn more about their systems

12/12 – 09/13 Talk Fusion

Software Engineer

- Developed and maintained products and services
- Developed an XMPP client for notifying associates of updates
- Rewrote contact management UI to use REST web services (and remove security holes)
- Wrote Double Opt In system to handle mass emailers
- Managed staging and production deployment of all code
- Wrote a critical path bot in CasperJS to monitor and notify personnel of system failures
- Developed slim php REST server to handle video conference application
- Integrated video conference application with the XMPP server using Strophe.js

09/11 – 12/12 SoftLayer Technologies, Inc.

Software Engineer

- Developed and maintained customer/partner portal.
- Developed several new products UI's (Object Storage, Agent Portal, Private Clouds).
- Wrote custom ExtJS UI's using Ext 3.0 and Ext 4.0.
- Helped convert several legacy Ext 3.0 applications to the new Ext MVC model.
- Maintained and contributed to GitHub Object Storage project.
- Gave several demos to C-levels and Engineering teams.
- Worked with SME's, UX designers, and QA teams to create products that were stable and delivered in a timely manner.
- Organized several tiger team meetings to meet deadlines on critical projects.
- Helped optimize web service calls by reducing payloads and finding optimal request paths.
- Created a UI pagination scheme for OpenStack Swift with custom Ext components.

08/08 – 09/11 Prodea Systems

Software Engineer/Software Architect

- Developed many flex interfaces for embedded devices. Designed and coded user interfaces for TV set-top boxes.
- Lead architect for set-top box framework for three different hardware platforms
- Designed documentation engine for training and supporting overseas contractors

- Designed optimised websites for several TV set-top boxes, both Opera and Webkit based
- Presented applications and development life-cycle to customers and clients
- Built Android-based AIR games for tablet devices
- Developed several front-end interfaces for monitoring embedded systems remotely
- Developed and deployed web-service aggregations on an embedded system
- Wrote a custom query language for service reps.
- Built Flash-Lite applications for TV and mobile phones.
- Designed and deployed Twitter, Weather, RSS Reader widgets for set-top boxes.
- Developed intelligent “Pandora-like” music player for client computers.
- Coded demonstrable applications for 2008 CES presentation.
- Designed web-services for accessing multimedia by metadata queries.
- Environment: Flash/AIR, Flex, Actionscript 2/3, Javascript, PHP, Python 3.1 / 2.5, EVO, Espial, HTML5, CSS Animations, JQuery, Android Tablets, Linux, Windows

02/07 – 08/08

Bull Session Inc.

Lead Developer/Vice President/CTO

- Handle majority of technological advances inside the company, from developing internal tools to creating client websites with custom “Otter” framework. Bull Session takes several different approaches to Graphical User Interfaces which results in a fluid environment where the user is freed by the interface instead of contained by it
- Designed and developed over six internet applications
- Created and optimized internal Flash AS2.0 and AS3.0 framework
- Worked extensively with Flash, Flex and Actionscript
- Developed and published a Flash Facebook Application
- Environment: Flash/AIR, Flex, Actionscript, Javascript, PHP, C#

Spring 2007

Verizon Communications

Software Application Developer/Analyst

- Created Flash Audio Player for Verizon Audio customers
- Designed and optimized an online TV Guide for FIOS customers
- Developed AJAX client-side caching schema which improved application performance 120%

2006

Texas A&M Chemical Engineering Department
NSF Curriculum Reform Grant College Station, TX

Web-Application Developer

- Designed and formatted a small suite of flash-based applications.
- Developed user interfaces from scratch.
- Handled video tutorials via flash interface.

EDUCATION:

Texas A&M University, College Station, TX
BS in Computer Science with a minor in business, 2003-2006