Zachary Halbrecht

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OBJECTIVE

To become a member of a small team focused on designing, creating and supporting high visibility Web sites that work cross-platform, cross-browser, and adhere to sound design principles using current technology

EXPERIENCE

Lead Rails Developer/President, Shiny Metal Assets, Inc., New York, NY

February 2007 - March 2008

- Designed, developed and sold a Web 2.0 RSS aggregator (Ajarr personal portal) using Ruby on Rails, MySQL and JavaScript
- Co-founded a company to help orchestrate sale of software and intellectual property related to Ajarr
- Engaged with designers and product manager to add new features to Ajarr including a feed creator and administrative reporting, further solidifying the product and eventually rereleasing it as Flywheel via TalkPoint Communications, Inc.

Senior Director, IT, International Institute for Learning, Inc., New York, NY
January 2007 - Present

- Constantly managed numerous projects often leading teams in designing solutions, instilling software/web development best practices and troubleshooting issues during development efforts
- Developed build and deployment processes using NAnt to manage Web site and product releases - in one case reducing the build/packaging/distribution cycle from several days to several minutes
- Deployed Mantis bug tracking software and trained staff in its use to document and report on outstanding issues across all IT initiatives
- Performed migration of numerous key resources from unsatisfactory, disparate hosting environments into secure, fault-tolerant data centers
    - Services migrated include: SharePoint Services 2003 implementation, iil.com Web site, web-based products, and Centra, IIL's platform for delivering live eLearning courses
- Led team of three engineers during deployment of Exchange Server 2007 for 15 locations throughout the world
- Diagnosed performance issues and implemented fixes for PHP/postNuke based community Web site allPM.com

Senior Programmer/Analyst, International Institute for Learning, Inc., New York, NY
August 2002 - December 2006

- Architected a CMS used to deliver project management methodologies and best practices

    - Included development of a process diagram editor in C# which published user created diagrams to server in a subset of the SVG format
- Creation of ASP.NET 2.0 component to render SVG-based diagram definitions into JPG images able to be displayed in a web browser without the use of non-standard plugins
- Developed templating system for iil.com using ASP (VBScript) allowing marketing team to make sweeping, site-wide design changes by modifying a small number of HTML and CSS files
- Modified off the shelf E-Commerce software to meet requirements for selling and fulfilling event registrations and scheduling - to date this registration system has processed more than 50 million USD in course and product sales by customers and salespeople since its deployment in 2002
- Installed, configured and managed a multi-user Subversion implementation to protect and organize source code on a company wide basis

Web Developer, GlobalinX Corporation, Morristown, NJ
September 1999 - June 2002

- Developed Classic ASP (VBScript) web applications including a HR portal used by job candidates to submit resumes and by internal staff to manage the application process
- Directed and published promotional websites using Flash

Lead Guitarist, Blu Velvet, New York, NY
September 1999 - May 2000

- Played guitar for band co-writing music and performing at venues in New York City
- Helped design and maintain a Web site to market ourselves to a larger audience

EDUCATION

Rutgers University/Rutgers College, New Brunswick, NJ

- BS Computer Science, Minor Music

PROFICIENCY SUMMARY

Programming Languages: C#, JavaScript, PHP, Python, Ruby, VBScript

Web Technologies: AJAX, CSS, (X)HTML

Web Development Frameworks: CakePHP, Django, .NET(1.1, 2.0, 3.0, 3.5), Ruby on Rails

Database and Data: Castle ActiveRecord, JSON, MySQL 4 and 5, Ruby ActiveRecord, SQL Server 2000 and 2005, XML

Essential Development Tools and Utilities: FireBug, NAnt, Notepad++, NUnit, RadRails, Visual Studio 2003, 2005 and 2008

Links of Interest

- Shiny Metal Assets, Inc. Homepage: http://shinymetalassets.com/
- TalkPoint Flywheel: http://flywheel.talkpoint.com/
- Flywheel is also featured on TalkPoint's homepage: http://www.talkpointcommunications.com/
- Press release on Ajarr™ acquisition: http://www.streamingmedia.com/press/view.asp?id=7035