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Professional Experience

Tcoz Tech Services, <http://www.tcoz.com>

Tcoz Tech Services (consulting contractor), January 2004 – Present

- Projects include various websites, components, rich Internet applications, social network applications, back end application-tier code, etc.
- Roles filled generally include Flash/Flex and standard web UI and communication architectures (remoting, sockets, web services), application tier programming (usually in Java, .Net, or PHP), all phases of documentation (envisioning, requirements, specifications), some customer contact, prototyping, project management as required, and lots of programming.
- Tcoz Tech Services offers a uniquely structured and enterprise-strength approach to Flash/Flex/Air development that leverages years of enterprise application development and evaluation experience at some of the most prominent companies in the world. Strong OOP, clean architecture, and cutting-edge coding practices, are hallmarks of my work.

Clients include:

- Google (via subcontract): Various projects; .Net consulting for DemoSlam, all Python and supporting UI/JS work for Oscar Trends, all ActionScript and Java for YouChoose Town Hall. Code rigorously reviewed by Google developers. All code written for Google App Engine environment, (use of GAE memcache, Big Table datastore, etc.)
- Brilig: UI Architect, Lead Flex Developer, Java web and app tier programming, including Hibernate.
- iMed: Architected all tiers of app except DB, did all Java and Flex programming. Created way to bridge PHP and Java service calls so Drupal integration would be smooth.
- The Dessy Group: project manager, architect, lead Flex and PHP developer.
- Thomson Reuters: Flex team lead, lead developer.
- IEEE Spectrum: Lead developer for video products.
- Citigroup (Citibank): ActionScript and Flex developer.
- Nabbr (detailed below): Project manager, architect, lead developer, for various products.
- Urge (Microsoft/Viacom): ActionScript, Flash, and Flex ,developer.
- SpikeTV: Lead developer.
- MTV, VH1, general Viacom consulting: Video processing, web dev, widget construction, Flash and ActionScript development.
- BuzzBack Marketing: Architect, lead UI developer.
- Pancya's BoxTone: Architect and ActionScript development.
- lode Design: Architect, lead for UI and back-end developers, designer.

Detail of Recent Projects

DemoSlam, Oscar Trends, YouChoose Town Hall

Lead Developer, ActionScript, Python, Java

- As a subcontractor, worked with various technologies on Google App Engine platform to implement feature sites for serving on Google domain (ActionScript, Flex, Flash, Java, Python, JS/Ajax).
- Submit code to Google Labs for review, iteration, etc.
- Use of RobotLegs, Objectify, Java and Python GAE SDKs.

Brilig, www.brilig.com

UI Architect Lead Flex Programmer, Java web and app tier developer, March 2010 - Jan. 2011

- Responsible for framework-level programming, and all other aspects of, version 1 of the Brilig Marketplace Flex UI, remoting gateway, and Java application tier.
- Defined initial "Powered By Brilig" services API.
- Coordinated tasks with remote graphic designer, QA, and DB programmers.
- Delivered extensive wireframe and workflow diagrams and documents.
- Worked with product manager to coordinate and track tasks to do release projections, etc.

Thomson Reuters, etv.thomsonreuters.com

Flex Developer Team Lead, February 2009 – February 2010

- Worked in conjunction with Reuters architects to implement core framework, and developed various components and features, for the Thomson Reuters Insider product (a subscription product allowing complex interactions with various Reuters news feeds, videos both live and pre-recorded, etc.).
- Tracked and reported on Flex UI dev team tasks, milestones, etc. to Thomson Reuters project management staff.
- Coordinated tasks with offshore developers, designers.
- Substantially increased performance of product (~30%) by doing extensive performance analysis, identified performance bottlenecks and departures from Adobe best practices. Worked with Reuters developers to implement optimized code.

Nabbr, www.nabbr.com

Lead Flash Programmer, Project Manager, September 2007 - January 2009 (long-term contract)

- Architected, designed (including graphic design), and implemented all front and back-end aspects of Nabbr.com website.
- Created the Nabbr Injector and Injector Management System. The Injector allows viewers of Nabbr widgets to "inject" the content into their own web pages, including social network pages like MySpace and Facebook: the Injector Management System allows affiliates of the Nabbr network to self-serve configure instances of the Injector to distribute their own arbitrary content so that it can be tracked and reported on. These tools represent Nabbr's answer to Gigya's and Clearspring's injection systems, and at the time was considered more robust. These tools are considered the core of Nabbr's "viral" distribution strategy.
- Integration of various ad unit and partner technologies into Nabbr player environment (SpotXChange, YuMe, ScanScout, Brightcove, etc.)
- Creation and maintenance of various other applications, including Nabbr Widget custom features, Red5 streaming video applications, image compositing and optimization tools, etc., all designed to increase the performance and reduce bandwidth usage of Nabbr assets.
- Managed and tracked all development projects across the Nabbr technical team.
- Implemented various dependent technologies used by Flash to communicate and serialize data to the back end, such as XMLRPC and AMF remoting gateways, etc.
- Use of various programming languages and environments (Java, PHP, AS2/AS3 primarily).

O'Reilly Books

Reviewer

- Paid reviewer of O'Reilly technology books on Facebook development (primarily how to use Flash/Flex in a Facebook app).

Netcom Technical Training, Technology Training Consultants

Manhattan, NY

- Trainer, C#, ADO.Net, Windows Application Development, ASP.Net, XML Web Services, MSF Architecture, ActionScript 2.0/3.0, February 2004 – ongoing (as I'm available)
- Worked with a variety of corporate and private clients. Topics include OOP, advanced application design, software life cycle management, etc. Evaluations always excellent.

Microsoft Corporation (two roles)

.Net Solutions Specialist, July 2001 – August 2003

- Extensive architectural reviews, coding reviews, and implementation responsibilities (all .Net Solutions Specialists were required to be highly technical and fluent in various coding languages and techniques).
- Created content for, and delivered live presentations, at MSDN and Technet events (very large audiences), as well as smaller marketing reach events.
- Understand and work with a variety of competitive technologies, i.e. Java and J2EE, PHP, etc.
- Responsible for capturing mindshare of competitive accounts, and moving them forward to pilots using .Net technology.

Technical Specialist, May 1999 – July 2001 (moved beyond this quickly due to technical abilities)

- Responsible for technical and marketing presentations across every kind of account and vertical
- Main technical focus; XML, Developer (DB, Coding, etc.), BizTalk, Mobility, Media, MetaDirectory; was frequently sought after by consulting, corporate, etc. to present on these topics
- Engaged resources to move from pre-sales to pilots.
- Assist customers in specification and documentation development for pilots.

Empire Blue Cross Blue Shield, 622 Third Avenue, New York

Chief Systems Specialist, Internet Technology, December 1997 – May 1999

- Responsible for all Internet and Intranet site design and maintenance, including interface design, component programming, graphic design, computer-based training (via the Intranet), navigation schemes, documentation, etc.
- Created online change request system for employees to report Internet and Intranet site errors; results available via online, realtime access to developers and engineers of varying security levels
- Recruit, train and lead team of HTML editors, graphic designers, and Visual Basic programmers.
- Maintain numerous cross departmental relationships to ensure timely contribution and refreshes of Internet and Intranet content and features.

American Express, World Financial Center, New York

Graphic Designer, Multimedia/Internet Developer, Webmaster, June 1994 - December 1997

- Created and maintained various websites and tools
- Work with American Express trainers on daily basis to manage design, use, and roll out variety of different computer based training programs
- Negotiate contracts for service with outside vendors for printing etc.
- Handle all art direction, desktop publishing, graphic design, color output, animation and 3-D rendering for Learning and Development
- Graphics and Interface Director for EdTech, an internal team specializing in technologically advanced training product development

General Skills (other than expert ActionScript, Flex, Flash, etc.)

- Expertise in MVC Frameworks, particularly PureMVC and RobotLegs. Have built from scratch, and retrofitted, projects in both frameworks.
- Java web development (page/servlet and application-tier programming such as XML
- Programming on Mac, Linux, Unix, Windows.
- Basic Hibernate, basic Spring.
- PHP development (PHP 5 and 6).
- .Net development (C# ASP.Net, etc).
- Some mobile development (Android/Java dev, and the new Flash Builder "Hero" SDK for building Air products for Android mobile devices).
- HTML, CSS, JavaScript, etc.
- Strong XML skills (use of DTD/Schema, XSLT, many APIs such as .Net, org.dom4j, org.w3c, E4X).
- Various documentation tools (Enterprise Architect, Omnigraffle, etc.)
- Various Ticketing Systems (Trac, Bugzilla, Mantis, etc.)
- Various source control (CVS, SVN, Git, etc.)
- Project Management (usually timelines, milestones, coordination of developer tasks, and reports if needed).

Education

State University of New York at New Paltz

- Bachelor's of Fine Arts.

Other Past Certifications/Education

- Adobe Certified Developer
- New York State certified technical instructor
- Completion of CTT+
- Microsoft Certified Professional, MCSD
- Numerous other technology certs, including Java, etc.