Kevin Munc

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Primary Technical Skills

- **Primary Languages:** Ruby, Objective-C, Java (SE & EE), JavaScript, HTML & CSS, XML, SQL
- **Tools:** Ruby on Rails, Cocoa Touch, jQuery, Struts, RSpec, Cucumber, JUnit, Jasmine, Xcode, Vim, Eclipse, Git, Subversion, Ajax, Agile
- **Servers:** Heroku, Phusion Passenger, WebSphere, Netscape, Tomcat, Oracle, PostgreSQL
- **Operating Systems:** iOS, Mac OS X, Windows, Solaris
- **Prior Experience:** Adobe Flash & ActionScript, XSLT, UML, Visual Basic, Microsoft Access, COBOL

Professional Highlights

Mowbol LLC — Senior Mobile Developer
08/2011 - present
- Designed and implemented the Ohio Society of Certified Public Accountants (OSCPA) iPad app, which allows members to browse, download and view society publications and videos, including PDF, epub and movie formats.
- Coded the OSCPA app to authenticate via a simple XML web service, to communicate with a RESTful JSON data source, perform image caching, data caching and persistence via CoreData.
- Built a cross-platform entertainment app, called Eye Know, which uses simple animations, sound effects and accelerometer data to let users ask yes-or-no questions, shake it, and have answers revealed to them from an on-board data store.
- Constructed Eye Know in about three weeks using Lua and the Corona SDK, which allowed for deployment to iPhone and iPad as well as Android phones and tablets.
- Leveraged sprites to achieve eyeball-shifting, -blinking and -rolling animations for Eye Know.
- Currently exploring cross-platform development with MonoTouch, and game development with Unity 3D, for upcoming projects.

Method Up LLC — Founder
07/2011 - present
- Worked as part of a distributed team to complete an iPad app which allows hair salon stylists to store client information & preferences and perform interactive consultations based on multiple product lines.
- Primarily added care service functionality, which was comprised of data parsing, sorting, filtering and display via table views.
- Built a new version of an Android app for the Marketplace featuring a tabbed interface with list and detail views combined with mapping support.

Pillar Technology Group LLC. — Senior Software Developer
05/2011 - 06/2011
- Created a Mobile Web version of Pillar's web site using jQuery Mobile as part of a small, distributed team.
- Profiled and optimized loading performance for slower data connections.
- Utilized HTML5, CSS Media Queries and JavaScript to adapt the site to different-sized devices.
- Tested across iOS and Android mobile devices, including both phones and tablets.

Progressive Medical, Inc. — through Pillar Technology
02/2011 - 04/2011
- As a Front End-focused developer for Progressive Medical's PinPointPRO set of web applications, lead the development of standards-compliant, accessible markup and CSS to realize the visual design.
- Developed & optimized JavaScript for user interface behaviors and performance. Tested JavaScript using Jasmine.

- Coded a bookmarklet widget so that it functions smoothly across browsers, platforms and on top of host pages of varying types.
- Crafted custom charts using CSS and JavaScript that use data stored in HTML tables.
- Researched graphing libraries for other, more complex charts, selecting the SVG-based Highcharts library. Implemented and customized it to provide the desired functionality and interaction capabilities across a wide range of environments, ranging from IE7 on Windows to Mobile Safari on iPad.

Mercedes Benz Financial Services — through Pillar Technology
11/2010 - 02/2011
- Delivered significant updates to their iPhone app as part of a small, distributed team.
- Upgraded the app to be universal to run customized for the iPad, as well as for the iPhone and iPod touch.
- Added Payment Estimator functionality by leveraging SOAP services and remote image access & caching.
- Implemented localization (L10n) support for the addition of a Canadian version of the application.
- Walked the client through the App Store submission process.
- Tested with GHUnit on top of SenTest/OCUnit. Ran the tests as part of a Continuous Integration process, using Hudson (Jenkins).

VacationView Inc. — Principal Software Engineer
11/2009 – 11/2010
- Helped craft a timeshare trading system for vacationtrade.com, complete with geocoded resorts, interactive maps, and a web interface fueled with Ajax.
- Tools used include Ruby, Rails, jQuery, Heroku, Haml, Cucumber, RSpec, Vim, PostgreSQL & MySQL, Git & GitHub, Amazon S3, Pivotal Tracker, and Campfire.
- Pair Programmed to evolve the system to support rentals for ResortGems.com.
- Migrated from Google Maps v2 to v3, with Bing Virtual Earth API for 'birds eye views'. Upgraded from jQuery 1.3 to 1.4.
- Established the use of Hudson for continuous integration, running our RSpec and Cucumber tests.
- Proudly contributed to this small company that won the 2010 international TWiST (This Week in Startups) competition for best new startup.

Corporate Internet Solutions, Nationwide — Consultant, IT Application Development
06/2008-11/2009
- Served as Tech Lead for the Nationwide Mobile iPhone app, which was the first from an insurance company and was featured in the App Store.
- Designed and implemented back-end services to deliver data in JSON format to the iPhone app, and to accept multi-part MIME posts from the app.
- Led the enhancement, clean up, bug fixes and addition of new features for the iPhone app.
- Leveraged Instruments and LLVM Clang to resolve performance bugs.
- iPhone app technologies included local SQLite storage, a combination Navigation/Tab Bar controller structure, some Core Animation, and integration with camera, contacts, JSON services & server-side authentication.
- Guided web front end development for Nationwide's main site, assisted with campaign and sub-sites, redesigns, prototypes and user testing. Technologies involved include CSS, JavaScript, XHTML, enterprise CMS, as well as MapQuest and other JavaScript APIs.
- Developed an improved way to leverage Documentum for content management that enables teams across the enterprise to more easily create and edit content while ensuring that the output is more easily maintainable and consistently styled.
- Promoted important subjects, such as progressive enhancement, accessibility, web standards, and search engine optimization (SEO). Helped define user interface (UI) standards, including coverage of cross-browser testing and other web development practices.
- Worked with several teams to implement process improvement and performance optimization, particularly for nationwide.com and the claims system.

- Mentored others on topics including Java programming, test driven development (TDD), continuous integration (CI), agile methodology, designing and coding for accessibility (A11Y), and unit and acceptance testing.
- Served on working groups and panels for various topics including browser support standards, development platforms, acceptance test tools, Mac in the enterprise, and web framework selection.

DCdirect, Nationwide Financial — Consultant, IT Application Development
08/2006-05/2008
- Lead an inter-departmental redesign of the web presentation tier.
- Converted the web application to standards-compliant and accessible XHTML, CSS and JavaScript, using Struts, Tiles, JSTL and DisplayTag.
- Served as user interface subject matter expert for the desktop Swing GUI and web UI, producing estimates, consulting across departments, and coordinating with offsite consultants.
- Designed and implemented a solution which allows for extensive site customization based on runtime parameters.
- Consulted in architectural design decisions, including service lookup and security.
- Refactored parts of the Swing- and Oracle TopLink-based code base, simplifying the design.
- Evangelized Unit Testing and Continuous Integration. Utilized AspectJ AOP to effectively unit test against a difficult external API.
- Lead the migration of client-side reports and PDF-generation from an XSL:FO-based solution to an iText solution.

iMedia, Nationwide Financial — Consultant, IT Application Development
03/1999-07/2006
- Lead a successful multi-year redesign and J2EE migration of a web application for investment professionals. This brought the site's Dalbar ranking up from 22 to 8.
- Designed a J2EE-based framework as part of architecture team. Areas of focus included a Struts-based presentation layer, menu framework, and JAAS-based authentication & authorization and custom business rule DSL.
- Performed production support for all external Nationwide Financial sites, contributing to >99% uptime for several years running.
- Designed, implemented and evolved the security model for a financial services site.
- Led a multi-site password security effort.
- Initiated the heavy use of JUnit, CruiseControl and JSPWiki for Unit Testing, Continuous Integration and project documentation.
- Contributed to numerous strategic and standards bodies inside Nationwide.

COMPAS, Nationwide Financial — Programmer Analyst
02/1997– 02/1999
- Developed a new user interface / database application for Minimum Distribution letters and the Year 2000 effort using Visual Basic, Access, and FTP.
- Served as the Lead for the Enhanced Financial Services family of applications, comprised of three PC/network applications for commission reporting on a multi-million dollar line of business.
- Contributed to Retail Production Support through COBOL and JCL maintenance.
- Developed a comprehensive base of business knowledge for Public Sector/PEBSCO practices and procedures as a Customer Service Representative (02/1997-09/1997).

Freelance Web and Mobile Programmer — Various Clients
1998-Present
- Implemented designs with clean, valid and accessible XHTML, CSS & JavaScript.
- Updated sites built with PHP (Drupal and Zend).
- Coded solutions in Adobe (then Macromedia) Flash and ActionScript.

Education

Bachelor of Arts, The Ohio State University, 1995
Major: Philosophy.   Minor: History

Training, conferences & seminars, including:
- iPhone Pragmatic Studio (May 2009)
- Ruby on Rails Pragmatic Studio (August 2006)
- JRubyConf (October 2010)
- erubycon (July 2007, August 2008, August 2009)
- Great Lakes Ruby Bash (June 2011)
- CodeMash (January 2009, January 2010, January 2011, January 2012)
- No Fluff Just Stuff (August 2004, June 2005, May 2006, June 2007, July 2008)
- XMLOne (March 2001)
- JavaOne (June 2000)
- Regular speaker at the Columbus Ruby Brigade
- Regular attendee at other user groups, including iPhone, Java, JavaScript, Clojure, Mobile Monday
- Book reviewer for Manning Press (including *JavaFX in Action* and *Objective-C Fundamentals*)