Reg Braithwaite

Web & Email
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On Video
http://tinyurl.com/infoqinterview
http://tinyurl.com/rubyfringe

Open Source
http://github.com/raganwald

Weblogs
http://homoiconic.com
http://weblog.raganwald.com

Four Posts About Writing Code
"The Not So Big Software Design:"
http://tinyurl.com/notsobig

"Refactoring Methods with Recursive Combinators:"
http://tinyurl.com/recursivecombinators

"Why Why Functional Programming Matters Matters:"
http://tinyurl.com/yyfpmm

"Not All Functions Should Be Object Methods:"
http://tinyurl.com/verbsnotnouns

Four Posts About Shipping Code
"Bricks:" http://tinyurl.com/swbricks

"Which theory fits the evidence?"
http://tinyurl.com/whichtheory

"Still failing, still learning:"
http://tinyurl.com/stillfailing

"What I've Learned From Sales:"
http://tinyurl.com/learnedfromsales

Overview *&* Value Proposition

Extremely deep Ruby and Programming expertise: Able to craft well-factored, maintainable code while mentoring colleagues and working with product management.

More than twenty years of experience developing successful software, managing technical products, developing and leading teams, and managing relationships with users and clients.

The perfect addition to a growing company: maturity and experience with growing technical companies mixed with extreme enthusiasm for creating something new.

Bonus: Extremely strong communicator. Respected speaker and writer on managing development, not-so-big design, and extreme hackery such as dynamic meta-programming.

Highlights

- Speaker at RubyFringe, MeshU, Microsoft Tech Days, and Stack Overflow Dev Days.

- Dynamic language skills include authoring the *rewrite* gem for writing Ruby macros and the popular *andand* gem; implemented Scheme in Java; a Smalltalk-like web template language; and a number of web applications using Ruby on Rails and Scheme.

- Noted and frequently quoted blogger on agile development practices, advanced programming topics, and Ruby idioms.

- Winner of both the Jolt Product Excellence and Software Development Productivity awards for work on server-side development tools.

- Completed twelve Tier II-scale IT projects with seven-figure user bases as well as core competency applications powering the enterprise, web applications for mobile devices, integrated B2C with Google Maps, AJAX applications.

- Can write Lisp in any language: Java technical skills include modifying the JVM in C++, manipulating byte codes with class loaders, code generation with XSLT, and metaprogramming with dynamic proxies.

- Collaborated with management to introduce SCRUM/Agile methodology at ING DIRECT (USA), including training and process implementation; introduced agile practices at KL Group (now part of Quest Software), resulting in on-time software delivery.

- Lead teams with as many as twenty-two contributors.

Recent Experience

Contractor, Strategic Media: 2009

Ongoing development and maintenance for a display media industry ERP application.

Ruby on Rails, MySQL, RSpec, OS X, Javascript, JQuery, JQuery UI..

Architect & Senior Developer, Mdlogix (USA): 2008 – 2009

Led a rewrite of the authorization architecture for the company's flagship product, CRMS. Introduced and championed best practices for architecture, development, and process.

Ruby on Rails, SQL Server, RSpec, OS X, Javascript, Prototype, Scriptaculous.

Contractor, Mobile Commons, CRM Integration (USA): 2007 – 2008

Integrated the company's flagship product, mCommons, with products from strategic partners. Created the architecture, infrastructure, and integration plug-ins for two partners.

Ruby on Rails, MySQL, RSpec, Mongrel, Capistrano, OS X, Javascript, Prototype, Scriptaculous.

Team Lead, ING DIRECT (USA) [Self-Service](): 2005 – 2007

Developed an enterprise-scale [ATM locator map-driven application](), including an AJAX-driven interface and back-end integration. Led design, analysis, and team development of [Orange Mobile](), enterprise-scale self-service for hand-held and mobile telephony devices.

Introduced best practices at the individual (coding), group (design and architecture), and organizational (development practices) levels, over six different major releases of the company's mission-critical web self-service application. Delivered "Selling Agile" training to the self-service development team and management.

Ignited dramatic improvement in development output and growing the self-service team from five to fourteen contributors.

Scrum, Windows XP, WebSphere, WebSphere MQ, XML, XSLT, PL/SQL, JavaScript, AJAX, Google Maps, Prototype, Scriptaculous, Java, J2EE, Java5, Tomcat 5, Eclipse 2.x–3.x, SQL, JDBC, Oracle, Subversion.

Director of Software Development, Opalis Software: 2004 – 2005

Hands-on product design and development. Directly managed the performance of twelve individual reports and team leads in Toronto, New York, and Halifax.

Co-facilitated adoption of agile and iterative development practices. Identified a troubled project, produced quantitative evidence of its trouble, and exhibited the courage to recommend its cancellation.

Microsoft Operations Manager 2005, Microsoft Systems Management Server, IBM Autonomic Computing, Visual C++, Visual SourceSafe, Mantis, FogBugz, Windows 2000, Windows XP, Solaris, Linux, Installshield, Rational Purify, CppUnit, SQL, XML, Java, JDK 1.4, Extreme Programming (XP).

Senior Developer, Information Balance: 2002 – 2003

Led the technical design of, and instituted iterative development for a web application automating apprenticeship service for the Ministry of Trades, Colleges, and Universities.

Java, J2EE, Struts, Ant, JUnit, HtmlUnit, WebSphere Application Developer, WebSphere Application Server, SQL, PL/SQL, Oracle, JDBC, XML, XSLT, Visual Basic for Applications, Excel, JavaScript, Java Server Pages (JSP), Windows XP.

Management Consultant to Novator Systems: 2002

Created a product development road map for the company's automated self-service research efforts. Defined roles, processes, and gating criteria for shipping a successful product over the company's 22 engineers and leads. Conducted development training.

Vice-President of Development, Conversagent: 2000 – 2001

Instituted agile product development, managed team growth, and led the development team. Personally created the server architecture and collaborated with the President on sales calls and business development.

Visual C++, Visual Basic, Visual SourceSafe, Java, J2EE, SOAP, XML, JSP.

Development Manager, KL Group (now part of Quest Software): 1998 – 2000

Led development of JProbe Threadalyzer, 1.0. Managed four teams developing JProbe Suite (JProbe Threadalyzer, JProbe Memory Debugger, JProbe Profiler, and JProbe Coverage), shipping two major market-leading releases on schedule. Introduced HP/UX support and J2EE support.

Introduced iterative development to the company. Managed 18 reports and three team leads. Conducted press engagements. Spoke at conferences on the subject of empirical software development processes and conducted training.

Visual C++, GCC (Gnu C++), Java JDK 1.0–1.2, JVM Source Code, JVMPI, JVMDI, J2EE, Visual SourceSafe, Rational Purify, Gnats, VisualAge for Java (now Eclipse), WebSphere Application Server (WAS), BEA WebLogic, BEA Tuxedo, Windows, Linux, HP/UX.

Managing Partner, Codestorm: 1994 – 1998

Led technical development of, and shipped version 1.0 of nCrypt for Apple Newton, Firestorm Dynamic Web Server, Dharma automated publisher, Gallery web photo publisher, CMS Customer Relationship Manager (CRM).

C++, Java, J2EE, Servlets, NewtonScript, 4th Dimension, Lightspeed C, SQL, Scheme/Lisp, Windows, MacOS.

Micro-ISV, Consultant and Managing Partner, Codestorm: 1985 – 1998

Developed and shipped various database publishing applications for the print media industry, including the classified advertising and directory industries.

4th Dimension, Lightspeed C, MacOS, Turbo Pascal, MP/M, CP/M.