

**John Barnette**  
**Software Engineer**

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## **Skills**

Agile Development (XP, TDD, Scrum), C, C++, Objective-C, Defect Tracking, J2EE (Servlets, JSP, JNDI, JDBC, Persistence, EJB, Websphere, Weblogic), Java, JBoss, Mac OS X (incl. Cocoa), Microsoft .NET Framework (since Beta 1; ASP.NET, ADO.NET, WinForms, Avalon, Indigo), Microsoft Windows (NT3.5 - Server 2003), Oracle, MySQL, Informix, PostgreSQL, Ruby, Ruby on Rails, Technical Project Management, UML, Linux, Solaris, \*BSD, AIX, Irix, csh, ksh, Perl, CVS/RCS, Git, Subversion, Perforce, XML, XSLT, XSD.

## **Work Experience**

### *Open Source*

- Active Seattle.rb member
- Active on GitHub (<http://github.com/jbarnette/johnson> is my favorite)
- RubyConf presenter
- Contributor to Rails, RubyGems, Rubinius, and lots of other projects

### *Lead Software Engineer, AdReady; 2007 - Present*

Lead software engineer on a large Rails app, shepherded from 1.x to 2.x. Extracted a fair amount of work into open source projects, including features for Rails (2.0 fixtures, timestamped migrations) and RubyGems (development dependencies). Designed a complex subdomain/skinning system and capabilities model. Refactored code that would make most engineers run for the hills (and survived).

### *Lead Software Engineer, ODS Software; 2005 - 2007*

Technical and architecture lead on a large CRM/warehouse management/financial/transactional application for the lumber and building materials industry. Tackled and conquered several internal challenges, including a lack of process and quality engineering and an inexperienced development team. The product is now developed using a fast, iterative process, with good source control and build systems, and a vastly more knowledgeable/better trained development team. Beyond the infrastructural, major achievements at ODS include:

- A seamless rewrite of the product's underlying transport mechanism, resulting in a 40% speed and bandwidth improvement with zero customer exposure.
- A significant amount of web framework development, synthesizing the best ideas from Ruby on Rails, Seam, and Django into a Microsoft-required, ASP.NET environment.
- Design and development of **rally**, a Ruby-based deployment and product administration framework/tool. Rally allows technical product management tasks to be cleanly automated. Rally scales from the simple (administering the list of users allow to apply hotfixes to the production branch in source control) to the complex (deploying a new build of the product to a set of staging servers, including database migrations).

*Senior Software Engineer, Polycom; 2002 - 2005*

Senior architecture and development work on a carrier-class 11 million LoC C++/Java application. Thought leader and advocate for agile and test-first development. Architected and led development of a C#/.NET distributed monitoring and operator assistance application with stringent performance and bandwidth requirements. Lead architecture and development of a next-generation J2EE-based platform for media conferencing and collaboration applications. Participated with executives in significant company-wide architectural and strategic decisions. Championed lightweight, pragmatic development processes, defect tracking, and continuous integration.

*Senior Software Engineer, XOR; 1999-2002*

Client contact (both technical and LOB) during presales and architecture/design discussions. Designed and led development of large/enterprise Java applications (Weblogic, Websphere). Internal champion of lightweight, pragmatic development process and code sharing/modular development. Executive liaison and general technical go-to guy. Extensive onsite consulting and client interaction at the highest levels. NOC security and identity management.

*Software Engineer, Exabyte; 1998-1999*

Developed high-performance SCSI drivers and software for large-scale tape/data storage libraries. Developed Remote Tape Library control capabilities and user interface. Developed web management portal for information storage and library management.

*Web Developer, Norasco Internet Technologies; 1996-1998*

Developed websites for several high-profile overseas televisions and radio stations. Responsible for site architecture and design using Apache, mod\_perl, MySQL, Linux, Windows NT, and WebObjects.

## **Education**

BSCS, University of Northern Colorado; Greeley, CO (1998)

**Affiliations**

Association for Computing Machinery (ACM)

Institute of Electrical and Electronic Engineers (IEEE)