

Scott F. Walter

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Summary

Scott F. Walter is a Technical Architect and team lead for e-commerce projects at Perficient Inc. Scott has thirteen years of both hands on and team lead experience in developing e-business, e-commerce and distributed systems in test-first as well as traditional methodologies.

Scott is a positive problem solver who will always search for multiple paths to arrive at a goal, weighing the costs and benefits of each. There is no impossible problem.

Areas of Expertise

- Content Management
- Design Patterns
- Refactoring
- Object Relational Mapping
- Portals
- User Experience (UX)
- Training
- Test-First Development
- Web Design
- Web Development
- Workflow

Technical Skills

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| APIs: | J2SE (NIO, NET, Swing, Threads), J2EE (EJB, JMS, JSP, RMI), JSR-170 (Content Repository API), Ajax, Flash / Flex |
| Application Servers: | Geronimo, JBoss, JES/Sun/IPlanet, Tomcat, Weblogic, WebSphere |
| Databases: | DB2, Microsoft SQL Server, MySQL, Oracle, Sybase |
| Languages: | Basic, C/C++, Basic, Cocoa, HTML, Java, Javascript, Powerscript, Ruby, Unix Shell, XML |
| JavaScript Libraries: | Ext JS, jQuery, Prototype, Scriptaculous |
| Methodologies: | Agile, OOP/D, UML, Design Patterns, Extreme Programming |
| Operation Systems: | Linux (Redhat, Ubuntu), Mac OS X, Unix (Solaris), Windows |
| Other Frameworks | Spring, AJAX, DWR, Jasper Reports, AOP |
| Persistence Layers: | IBatis SQLMaps, Hibernate |
| Source Control | ClearCase, CVS, MKS, Subversion (SVN) |
| Tools: | Load Runner, Rational Rose, Enterprise Architect |
| Web Frameworks: | Grails, Java Server Faces (JSF), Ruby on Rails, Spring, Struts, Tapestry |

Degrees and Certifications

- Bachelor in Computer Science

- Sun Certified Java 2 Programmer
- Sun Certified Java 2 Developer

Work History

- Sr. Technical Architect, Perficient, Inc. [2005 – present]
- Principal Consultant, Vivare, Inc. [2002 – 2005]
- Principal Consultant, One, Inc. [1999 – 2002]
- Sr. Consultant, Brightstar, Inc. [1998 – 1999]
- Sr. Consultant, Sybase, Inc. [1996 – 1998]
- Information Analyst, [1994 – 1996]

Relevant Project Work

Rent-A-Center (September 2007—current. Dallas, Texas)

- Technologies used: BEA Application Server, Spring framework, Ajax, Ext JS
- Web Architect for three (3) Rich Internet Applications (RIA) built on the Ext Js Framework. The applications made heavy use of Ajax and JavaScript for a rich user experience (UX)
- Created course material for the Ext JS framework and delivered the course to the Rent-A-Center application developers

Nissan Finance (January 2007—September 2007. Dallas, Texas)

- Technologies used: WebSphere Application Server, DB2, Spring Framework, Siebel, Siebel eBilling Manager, Ajax, Javascript
- Architect and Sr. Developer for a customer self-service portal that allowed for setting up recurring payments
- Integrated with Nissan's Siebel implementation
- Integrated with Siebel's eBilling Manager to send and receive ACH draft files from the bank

US Cellular (August 2006—December 2006. Dallas, Texas)

- Technologies used: BEA Portal Server, Documentum, IBatis, Spring framework, Spring Remoting, AOP, Ajax, DWR, Javascript
- Re-architected the technology behind US Cellular's public facing website to purchase cellular phones and cellular services.
- Brought our Documentum / Bea Portal integration application into the project and fine-tuned it to meet the needs of US Cellular
- Created a JSR-170 (Content Repository) connection between BEA Portal and Documentum

AMD (January 2006—August 2006. Austin, Texas)

- Technologies used: BEA Portal Server, Documentum, IBatis, Spring framework, Spring Remoting, AOP, Ajax, DWR, Javascript
- Re-architected the technology behind AMD.com.
- Created an integration application between Documentum and BEA Portal server. This allowed the end-users to add Documentum-based content to the portal without any developer or i/t staff involvement.
- The integration application was AJAX-based via the DWR framework and Spring Framework. This allowed us to give the user a richer experience

Transplace (April 2005—December 2005. Dallas, Texas)

- Technologies used: BEA Application Server, EJB, Swing, RMI, Hibernate, Spring framework, Spring remoting, AOP, UML
- Team lead of a 4 person team that developed a Swing-based client application to interface into Transplace's custom shipping software. The project was deployed using Sun's Webstart technology. Several custom swing components were developed based on the project's user interface requirements.
- Developed a Swing client that interfaced with a Spring/Hibernate backend to provide various administration functions to manage Transplace's custom shipping software
- Involved in both the design and construction phases.

Sun Microsystems (June 2004—December 2004. Dallas, Texas)

- Technologies used: Sun Identity Server, Sun Access Manager, JDAPI, Sun Java Enterprise System (JES)
- Provided performance tuning enhancements to Verizon's global messaging system based on Sun's Identity Server and Access Manager. Integrated with Sun's JDAPI.
- Provided performance tuning enhancements for Motorola's suite of human resource applications. Architected their new application server environment with the latest version of the Sun Java Enterprise System.
- Provided performance tuning enhancements to Merant Bank's XML processing engine.

McKesson (January 2004—June 2004. Phoenix, AZ)

- Technologies used: BEA Portal Server, Documentum, Spring framework, DHTML
- Implemented a BEA Portal solution for McKesson's customer service call centers. Integrated with McKesson's document management system (Documentum), as well as third party applications. The portal integrated with McKesson's existing LDAP infrastructure for a single sign on solution.

HEB Groceries (January 2001—January 2004. San Antonio, Texas)

- Technologies used: Swing, Tomcat, Sun JES, Struts, Hibernate, Spring framework, Jasper Reports, Stellant, UML
- Mentored HEB's employees on best practices for application development from design to construction to deployment using Java-based technologies.
- Created an enterprise report server based on the JasperReports open source project. The system allowed the management of the reports for HEB's Pharmacy Group. Features included dynamically generating parameter input pages, generating PDF files on the fly, scheduling reports, sending reports directly to a printer, securing access to reports based on roles, among other features.
- Implemented a web-based solution to produce the various tags and signs that appear in HEB's grocery stores. The application was developed using container managed entity beans on the back-end and the Struts framework on the front-end. One of the primary functions of the application was to dynamically produce Adobe PDF files.
- Architected and Implemented a Content Management System for HEB's Pharmacy division. The initial implementation used a custom-developed content management system using Java Server Technologies (i.e. Servlets, JSPs, EJBs) and deployed on the JRun application server. The second phased

of the project replaced the content management system with the Stellent Content Server. The Stellent server was customized using Web Services.

- Member of a project team that used the XP Methodology to replace the computer systems in HEB's Pharmacies that manage the processing of prescriptions. The system had to comply with all state and federal laws concerning the processing of patient medical data. All phases of the XP methodology were used, such as: story/task based development, test-first driven development, paired-programming. The front-end was developed as a Swing-based client using the model-view-controller design pattern. The back-end was powered by Vitria's Businessware work flow/messaging server.

Dynamic Tax Optimizer (January 2000—January 2001. Anchorage, Alaska)

- Technologies used: Silverstream
- Led a team of 5 developers to bring the financial website "dynamictaxoptimizer.com" to market. The application was a J2EE-based solution that integrated with the client's back-end financial systems. The website was a true e-commerce system as it had to integrate with credit-card processing systems. The application dynamically created graphs on the fly using server technologies.

MetaSolv (Plano, Texas)

- Technologies used: Silverstream, Corba, UML
- Member of a team that converted MetaSolv's Application Server from a Corba architecture to a Enterprise Java Beans (EJB) architecture.
- Created a web-based application that was deployed with MetaSolv's application server that allowed customer service representatives to quickly access information on their customer's orders. The application quickly proved to be a great return on investment, with MetaSolv's customers requesting more and more features.

One, Inc. (Dallas, Texas)

- Technologies used: EJBs
- Developed an application using entity and session Enterprise Java Beans (EJBs) to integrate with objects running on an Oracle server instead of the typical relational database tables.
- Developed and delivered course content for an introductory to J2EE technologies. Developed units for: J2EE Development life cycle, JDBC, Servlets, JSPs, EJBs, JavaMail, JMS.

MyMedEd.com (Kansas City, Missouri)

- Technologies used: Silverstream
- Architected an Internet website using the SilverStream Extend Application server. The website is used by medical student and medical professionals to keep track of the education curriculum and to manage their requirements for required certifications. The system was designed to handle large traffic bursts.

Alcatel (Plano, Texas)

- Technologies used: Silverstream, Verity
- Developed a document management system to handle all engineering-level product information for Alcatel's switching products. The system was able to generate PDF documents on the fly from various document types include Microsoft Word and AutoCad. The Verity search engine was deployed to allow

users to search through all different types of document formats. The system had a Yahoo-like look-and-feel and was deployed on the Solaris platform.

Brightstar (Dallas, Texas)

- Created a J2EE quick start package for Brightstar's clients. The package included customized training presentations, white papers, code templates, and a sample application utilizing Brightstar's best practices.

Service Corp. International (Houston, Texas)

- Technologies used: Silverstream, Java
- Member of a development team that created a web-based sales-force application for all of Service Corp. International's retail applications. The application was developed using the SilverStream Application Server.

Archon Group (Irving, Texas)

- Technologies used: Silverstream, Powerbuilder
- Primary architect for all of the Archon Group's Java development initiatives. Created the standards and best practices that was used on all development projects. Coordinated the deployment of application with the Archon Group's infrastructure group. Taught classes and seminars for the Archon Group's development on various Java technologies and practices.

Silverstream Software / Novell (Boston, Massachusetts)

- Technologies used: Silverstream
- Represented SilverStream software as field engineer on a number of engagements. Helped SilverStream's client in such areas as: Architecture, Load Balancing, Clustering, Performance Tuning, Development, LDAP Integration.
- Represented SilverStream on engagements at:
 - Walt Disney, Inc.
 - San Francisco Opera House
 - State of Utah
 - Quidnunc

References

Available upon request.