

Sean Newby

Mesa, AZ

Technical summary

Sean has extensive experience in client facing roles working in the Health Care industry. He is experienced with different stages of software development and delivery and quality engineering processes (design, documentation, testing and knowledge transfer).

Skills

Languages

- Java: Java 1.4, JSP 2.0, Servlet 2.4, JSTL 1.2, EL, JSR168 Portlet, IBM Portlet, WCM API
- Microsoft: ASP, ADO, Visual Basic 6, VBScript, VBA
- Web: PHP, HTML, XHTML, XML, CSS, JavaScript, DHTML, AJAX

Platforms and Tools

- J2EE 1.4
- IBM WebSphere Application Server 5.x/6.x
- IBM WebSphere Portal Server 5.x/6.x
- IBM Web Content Management 2.x/5.x/6.x
- Stellent Content Server/Site Studio 6.5
- IBM WSAD/RAD 6.x/7.x
- CVS, Subversion, Visual Source Safe
- Ant, Struts, Spring, Spring Portlet MVC, JSF, Hibernate
- TOAD for Oracle
- MS Visual Interdev 6.0
- Apache, Tomcat 4.x/5.x, IBM HTTP Server, IIS 4/5/6

Databases

- DB2 8
- Oracle 8i/9i
- MS SQL Server 7/2000
- MySQL 3.x/4.x

Operating Systems

- Unix: Solaris, HP, AIX
- Linux: Redhat 9, Fedora Core 2, Suse 8
- Windows: NT, 2000, 2003, XP
- VMware GSX Server

Misc Software

- Macromedia Flash 5/MX, Fireworks 4/MX, Dreamweaver 4/MX
- Adobe Photoshop 7
- MS Excel/Word/Access/Project
- SAP MM/PS/PM/RE
- Remedy

Professional experience

Perficient, Inc. – Technical Architect (February 2006 – present)

Perficient is a firm that uses leading and emerging technologies to Web-enable complex enterprise systems. Perficient builds deep expertise around J2EE, WebSphere, and VisualAge for Java and VisualAge Generator through a unique partnership with IBM AIM Services. Under this arrangement Perficient provides customers and partners with teams of expert technology professionals that manage the implementation of their products for end-user customers.

- **Blue Cross Blue Shield Florida – Portal Development Lead**
 - Migrated existing J2EE application to 6.0.1.3 WebSphere Portal and WCM for a member facing internet website.
 - Developed custom JSR 168 portlets to allow drug pricing comparison, user profile maintenance, member claims and member benefits utilizing JSF, Spring IOC, EJB 2 and web services.
 - Led and mentored a team of four developers in portlet development and mentored client in portal administration.
- **Knoxville Utility Board – Portal/WCM Architect/Development Lead**
 - Implemented a 6.0.1.3 WebSphere Portal and WCM for a customer facing internet website.
 - Developed custom JSR 168 portlets to allow self registration, utility bill payment, and user account self service utilizing Spring IOC, Spring MVC and web services.
 - Portal integrated with existing PeopleSoft installation using WebSphere Enterprise Service Bus.
 - Worked with Information Architects and Graphic Designers to design and implement custom themes and skins.
 - Mentored client in portal administration, portlet development and WCM implementation.
- **Luxottica Retail – Portal/WCM Development Lead**
 - Implemented a 6.0.1.1 WebSphere Portal and WCM for an enterprise wide intranet serving 30,000 users.
 - Mentored a team of four members in portal administration, portlet development and WCM implementation.
 - Worked with Information Architects and Graphic Designers to design and implement custom themes and skins.
 - Developed custom JSR 168 portlets utilizing the Spring IOC, Spring MVC and web services.
- **Centene Corporation – Portal/WCM Architect**
 - Architected a clustered, highly available WebSphere Portal/WCM 5.1.0.3 solution to support seven independent bilingual health plan internet sites utilizing virtual portals.
 - Mentored a team of sixteen members in portal administration, portlet development and WCM implementation.
 - Worked with Information Architects and Graphic Designers to design and implement custom themes and skins.
 - Developed custom scripts to automate deployment and building of portlets assets including portlets, pages, themes and skins using Apache Ant, xmlaccess, wsadmin, and Subversion.
 - Prototyped portlet development using Spring Portlet MVC.
 - Developed custom JSR 168 portlets utilizing the Spring IOC, Spring MVC, web services and Hibernate.
- **Eden Prairie School District -- System Architect and Developer**
 - Migrated a WebSphere Portal installation from 4.2 to 5.1.0.3.
 - Migrated existing 4.2 portlets to 5.1.0.3.
 - Architected a WCM solution for content management.
 - Developed custom portlets that integrate with the WCM API for content contribution, editing and workflow.

- Provided recommendations for future projects to utilize more of WebSphere portal's functionality.
- Development environment running on virtual servers using VMware GSX Server.

Perot Systems -- Portal Application Developer/Architect (June 2004 – February 2006)

- Designed implemented and deployed an enterprise portal providing both internet and extranet access to 30,000 employees across 42 hospitals in Arizona, Nevada and California. Portal was built on IBM WebSphere portal 5.1 utilizing a clustered, highly available architecture. The enterprise portal was the first of its kind at Catholic Healthcare West and was delivered on time and on budget.
- Made buy vs. build implementation decisions based on the requirements and architecture.
- Architected and implemented a façade over native Stellent API to simplify development of content management portlets. This framework is the standard for accessing the Stellent Content Management system and is utilized by the entire portal team.
- Developed a Model View Controller (MVC) framework to simplify and standardize portlet development. This framework compensates for the inadequate and incomplete Struts support in the portal environment.
- Led research initiatives in key areas including caching, content management integration, search, portal services and virtual portals. Designed and implemented solutions based on findings.
- Technical Lead and subject matter expert for portal architecture, design and development. Provided guidance and mentoring to entire technical team on specific portal development techniques as well as general J2EE patterns and practices.
- Developed multiple portlets. Am familiar with both JSR 168 and IBM portlet APIs.
- Worked with Information Architects and Graphic Designers to design and implement custom themes and skins.
- Implemented IBM Workplace Web Content Management 2.5 allowing business people to maintain their content.

Perot Systems -- Web Application Developer (August 2001 - June 2004)

- Developed a web based online nursery application. System was built in the J2EE platform and utilized MVC architecture. It integrates with a third party vendor database using Web Services. This application pioneered the use of Web Services at Catholic Healthcare West.
- Architected and implemented new corporate internet sites using the Stellent Site Studio content management. Developed J2EE components to create specialized applications for these new sites. Utilized Model-Viewer-Controller and other key design patterns.
- Architected, designed and implemented enterprise wide Document Management system using Stellent Content Server.
- Administer multiple Stellent Content Servers running on Solaris and Windows using Oracle 8/9 databases. Customize as needed to meet business requirement
- Developed and supported custom web applications using ASP with MS SQL server and J2EE with Oracle to fulfill client business needs, including self-registration, user approval, and data entry applications.
- Support and administer multiple IIS, MS SQL, Apache servers hosting several websites.
- Performed project management, analysis and definition of requirements on multiple projects. Created detailed application design documentation, developed application code, performed application testing, and deployment to production environment.
- Performed data modeling and database implementation on several projects: Developed Entity-Relationship models and reviewed them with key project stakeholders. Improved the reliability and maintainability of existing database by applying data normalization rules. Create scripts to build and populate the database based on the Entity-Relationship models. Design and implement stored procedures.
- Participated in the creation of an extranet web site for CHW Care Management Group to allow outside physicians access to secured information.

Perot Systems -- ERP Design Analyst (June 2000 - August 2001)

- Implemented SAP 4.0b Material Management (MM) module.
- Designed and configured SAP MM module, SAP Workflow and EDI.

- Worked with Production Support and Operate teams to develop enhancements to existing design.
- Redesigned and implemented Requisition Release Procedures for 8 facilities.
- Designed and implemented Workflow for Release of Purchase Requisition for 8 facilities.
- Designed several SAP Workflows including customizing Templates, Tasks, and Business Objects.
- Proficient in use of ABAP Query, Computer Aided Testing Tool, and Change & Transport System.

Perot Systems -- ERP Technical Trainer (November 1998 - June 2000)

- Worked on six SAP 4.0b implementations for six facilities in Arizona, Nevada and California.
- Developed and managed the project schedules and resource allocation for 20 FTE's and consultants.
- Managed four SAP consultants to develop transition and training materials for SAP's RE module.
- Developed print and online instructional materials for RE, PM, and PS modules.
- Taught client "Super Users" SAP's PS, PM, and RE modules to prepare them for platform training.
- Developed overview presentations for site managers to assist with change management.
- Served as Training Transition Analyst. Responsibilities included attending solution reviews, participating in role mapping, partnering with transition and field teams in data gathering, collecting current state, identifying and communicating updates to training materials, and validating curriculum.
- Trained PM, PS, RE, and MM courses, with evaluations among the highest of all trainers.
- Provided on-site post implementation support to client for MM, PS, PM and RE modules.
- Maintained SAP training client, including tasks such as refresh schedule, data loading, and general troubleshooting coordination.

Professional certifications

IBM

- 399 - IBM Certified Solution Developer WebSphere Portal v5.1, M24 - IBM Rational AppScan Technical Sales Mastery

Other

- Sun Certified Java Programmer 1.4, Sun Certified Web Component Developer J2EE 1.4

Education

- Bachelor of Arts in Secondary Ed/Mathematics (*summa cum laude*), Arizona State University

Publications and presentations

Knoxville Utility Board's Consumer Self Service Portal Solution; IBM WebSphere Portal Technical Conference October 13-16, 2008

Applying Open Source Frameworks for Portal Development; IBM WebSphere Portal Technical Conference October 8-11, 2007

Portal and Portlet Technology; presented at Phoenix Java User Group Meeting, Phoenix, January, 2006.