

Jeffrey W. Pearson

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SUMMARY OF QUALIFICATIONS

ECM (Enterprise Content Management), DAM (Digital Asset Management), WCM (Web Content Management) specialist currently focusing on Adobe CQ/AEM 5.X component and application development with responsive design solutions. Versatile professional Application Architect and Software Engineer with in-depth experience analyzing business requirements and procedures in order to define, document, and translate customer requirements into design specifications and solutions. Extensive hands-on, full-cycle development experience with web applications working on both client (front end) side and server (back end) side.

CORE COMPETENCIES

- Operating Systems: Windows, Linux (Red Hat, CentOS, and Ubuntu), Macintosh OS X, Windows Server, OSX Server, Solaris
- Server Software: Apache HTTP Server, Apache Tomcat, Glassfish, Quicktime Streaming Server, Microsoft IIS
- Data Management Systems: Adobe CQ/AEM, Documentum Content Management System, Magnolia, Apache Jackrabbit, Apache Felix
- Development Technologies: Apache Maven, Ant, Subversion, Git
- Development/IDE Software: Eclipse, CRXDE, CRXDE Lite, IntelliJ, Xcode, Dreamweaver, Documentum's WDK
- Front End Technologies: JSP Pages, AJAX, HTML 5, CSS3, JQuery, Twitter Bootstrap, Twitter Scaffolding, ExtJS
- Development Languages/Back End Technologies: SQL, JavaScript, Java, J2EE, Apple OS X Widgets, Web Services, DQL, DFC, JQuery
- Database Systems: MySQL, Microsoft SQL Server 7, 2000, and 2008, Oracle 9i, 10g, Stored Procedures, Triggers, JCR Repositories

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PROFESSIONAL EXPERIENCE

June 2012 to June 2013: Headwire.com , Lake Forest, CA

Application Architect/Software Engineer/ Adobe CQ/AEM Component Developer

- Wrote command line tool to work with Adobe CQ/AEM that allowed the user to bulk import and manage meta-data tags within the DAM.
- Wrote command line tool to connect to pre-created web services, parse the data and create the JCR data structure suitable for import into Adobe CQ/AEM by FileVault.
- Converted multiple customer web sites to Adobe CQ/AEM sites. Worked with customers to gather component requirements, created technical requirements documents, and implemented the coding of specified CQ/AEM components.
- Created Adobe CQ/AEM Author documentation for custom CQ/AEM components.
- Created multiple developer guides for working with Adobe CQ/AEM and Twitter Bootstrap based applications.
- Worked on command line tool to work with Adobe CQ/AEM, Apache Felix JMX Console over RMI and HTTP.
- **Technologies:** Adobe CQ, Apache Sling, Apache Felix, Java, HTML5, CSS3, JQuery, Twitter Bootstrap, Twitter Scaffolding, ExtJS, Web Services, JSON Objects, JCR Specification (JSR-283), Eclipse, Maven, SVN

January 2012 to March 2012: Dezine&

Application Architect/Software Engineer/Web Developer

Worked with marketing department on corporate web site designs
Responsible for implementing new designs for corporate web site
Technologies: HTML5, CSS3

February 2012 to April 2012: VIP Social Events.com

Application Architect/Software Engineer/Web Developer

Worked with primaries on corporate web site designs implementing a Joomla e-Commerce site.
Responsible for implementing new designs for corporate web site
Technologies: HTML5, CSS3, PHP5, MySQL, Joomla

July 2011 to November 2011: Lexipol, LLC, Aliso Viejo, CA

Software Engineer

- Responsible for full cycle development of multiple applications and application customizations.
- Created script to simultaneously deploy code from development to multiple production servers.
- Developed customizations for 'KMS' to protect the system from 'drive by' SQL injection attacks, log user sessions, log failed user login attempts and track user activity within the system.
- Customized Documentum Webtop to allow for copying and pasting attribute values in IE modal windows.
- Assisted with migrating KMS code base from WDK 5.3 base to 6.6 base.

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- **Technologies:** Eclipse, Java, Documentum, HTML, Javascript, SVN, Microsoft SQL Server

April 2003 to May 2011: University of Southern California, Los Angeles, CA

Software Engineer

- Lead programmer and Project Manager for versions 1.0 and 2.0 of the Public User Interface for the USC Digital Library. Worked with both internal programmers and external consultant programmers and integrated their work into code base to produce versions 1 and 2 of the Public user Interface.
- Performed duties as Administrator for Documentum Content/Asset/Document Management System.
- Wrote and maintained Java programs to support administrative functions including batch content imports, rendition creation, and publishing of content.
- Provided first point of contact for support of custom applications to users
- Supported developers in the creation of custom applications using the data managed by the system
- **Technologies:** Java, JSP, Documentum, HTML, CSS, CVS, IntelliJ, Flash Streaming Server, Oracle Database Server

January 2002 to April 2003: Advanced Digital Technology, Hawthorne, CA

Systems Architect

- In charge of full-cycle development of custom document management system (docSilo).
- Functioned as Project Manager and Lead Developer during the development and release cycles of the product.
- **Technologies:** Cold Fusion, ASP.NET, HTML, Javascript, Microsoft SQL Server

January 2001 to January 2002: Payment Resources International, Newport Beach, CA

Software Engineer

- Worked with Senior Software Engineer to design e-commerce solutions.
- Executed the development work from the project.
- Met with customers to determine design requirements for custom features and implementations based on core products.
- Developed solutions including projected cost analysis and project implementation plan which were submitted for approval.
- Took multiple projects from inception and design through proof-of-concept and release/maintenance. Examples include online billing systems, online credit card terminals, and online shopping carts.
- **Technologies:** HTML, Javascript, ASP.NET, ASP

April 2000 to January 2001: Salesmation, Newport Beach, CA

Product Manager/Application Architect

- Worked with marketing department to design feature sets of products. Performed day to day

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project management of developer staff.

- Brought applications from inception stage to public release. Products included a mass e-mail engine with Flash template building technology and tracking technology to create reports to see how many people have opened the email as well a viral marketing tracking technology.
- Designed and implemented policies for CMM Level 3 certification.
- Assisted marketing production personnel creating custom Flash banner ad templates for use in production online marketing product.
- **Technologies:** Microsoft Project, Adobe Flash, Actionsript, Javascript, Adobe Photoshop

July 1997 to April 2000: CMD Technology, Irvine, CA

Software Engineer/Application Architect

- Designed and developed content management system for corporate internet, intranet, and extranet sites.
- Produced minimum of one in-house custom workflow application per quarter.
- Met with appropriate departments to perform requirement analysis. Sample applications included a new-hire asset allocation tool, and a product parts build application, and a problem call-tracker used by the Technical Support department.
- **Technologies:** Cold Fusion, ASP.NET, HTML, Javascript, Microsoft Project, Microsoft SQL Server

July 1996 to April 1997: Micronet Technology, Irvine, CA

Software Engineer

- Designed and developed technical support section of the corporate web site.
- Created online documentation sections including FAQ sections, online PDF versions of the user manuals.
- **Technologies:** HTML, Adobe Acrobat

PUBLICATIONS

- “Mining and Analyzing Digital Archive Usage Data to Support Collection Development Decisions” <http://www.ils.unc.edu/~wardj/pprojects/cdt/d224-ward-1.pdf>
- “Beginning Web Services with Webobjects”:
<http://lists.apple.com/attachments/pdfc0CyaAPciW.pdf>
- Professional Blog: “Sling-keys and C-Queues”: <http://www.jeffreywpearson.com/blog/>

EDUCATION

Apple Certified Associate (in process)

Apple Certified Support Professional (in process)

Apple Certified System Administrator (in process)

Apple Certified Media Administrator (in process)

Certificate in Project Management (USC Professional Development Program)

Franklin Covey Time Management Training

Franklin Covey ‘What Matters Most’ Training