Christopher P. Moudy

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Senior Software & Information Technology Leader successful at conceiving, incubating and evangelizing cutting-edge high-performing technology solutions cost-effectively meeting customer and business objectives. A hands-on pragmatic leader with in-depth architecture, development and management experience delivering evolutionary software architectures of mission-critical systems and flagship products leveraging combined expertise in:

- Technology Strategy and Planning
- Global Resource Management
- SDLC Processes and Agile Methodologies
- Program Planning & Implementation

- Enterprise Application and Data Architecture
- Technology Innovation
- Business and Services Architecture
- Project Portfolio Prioritization

MS, Software Engineering, Southern Methodist University, 2007
BS, Computer Science, The University of Iowa, 2000

Professional Experience

Pearson Inc.   Chandler, AZ   **May 2006 - Present**
$5.4-billion global leader in educational publishing – print and digital content, assessments technology, and services.

Director Engineering Practices, Agile Practitioner – Learning Technologies Group
Leading the Engineering Practices Organization responsible for partnering with engineering teams across the Learning Technologies organization to facilitate the practices of "How" the functions of Engineering are performed while providing the toolsets, support and pragmatic hands-on help Engineering Teams require.
- Driving the identification, adoption, and continuous improvement of industry leading engineering practices and toolset portfolios across Learning Technologies.
- Imagined and created an Engineering Champions community focused on specific discipline Practice Areas in order to establish expertise on world class Engineering Practices.
- Driving the "concept of one", an effort in convergence of both Engineering Practices and tools across an engineering organization of over 700 Engineers.
- Identified and created a cost reduction plan in the toolset portfolio targeting a savings of $500k.
- 2011Technology Innovation award winner during the Pearson yearly Technology Summit for an innovative dynamic cloud approach for near real-time Big Data Analytics.

Manager of Architecture, Chief Architect – Assessment & Information Group (Iowa City, IA)
Provided leadership in the tactical and strategic direction of the application, data, integration and service architectures for a multi-product platform environment for the Software and Technology Services shared service organization. In working with executive leadership established strategic architecture goals setting long-term targeted business opportunities in order to converge present day systems with future state vision.
- Established a working architecture model adopted from agile software development practices and TOGAF to create releasable tangible architecture artifacts to be acted upon and consumed by the S&TS development organization.
- Championed and governed the creation of S&TS agile software development practices including standardizing continuous integration methods, development toolkits, release-engineering and code review best practices.
- Successfully created evangelized and implemented the creation of a business domain definition and master data management strategy to consolidate disparate data resources into a contiguously manageable data repository.
- Designed and implemented an innovative usage of Oracle's Semantic Web Technology (RDF) to implement a consistent data-model for custom defined users attributes requiring the extension of

Hibernate wired with Spring to abstract the SPARQL usage model from everyday development.

Mgr of Technology Product Management – Assessment & Information Group (Iowa City, IA)
Managed product development and deployment of Pearson's Education's web-based on demand assessment results reporting, automated scoring systems and educational data warehouse and business intelligence solution (EDWARD). The product suite represented several million dollars of R&D capital outlay per year supporting contracted revenue of over $60 million of core assessment business.
- Successfully re-engineered the failing EDWARD product into a very successful contract with the second highest margin percentages for 2007.
- Directed the strategic transformation of scoring and reporting systems from antiquated batch oriented processing on a Mainframe to SOA based J2EE transactional based solutions based upon a loosely-coupled component driven architecture.

RuffaloCODY, LLC   Cedar Rapids, IA   **Oct 2004 – May 2006**
The leading provider of strategic-fundraising and enrollment management services and software for higher education fundraising.

Director, Software Engineering
Managed all development activities for RuffaloCODY's flagship product CAMPUSCALL; an Internet-based Phonathon fundraising platform. Successfully transformed a legacy desktop Visual Basic 6 implementation into a fully J2EE compliant web application.
- The successful launch of CAMPUSCALL v3.0 allowed RuffaloCODY to grow their business revenue stream from a $20 million company to $40 million within two years. This product transformation change was afforded through domain analysis and product portfolio definition to ensure the new product would meet the end-users requirements while delivering on-time and under budget.

Internet Applications Architect
Recruited to design and develop a completely new ground up J2EE software initiative for launch of new web-based CAMPUSCALL product.

Iowa Health System   Cedar Rapids, IA   **June 2003 – Oct 2004**
With revenues of $6 Billion Iowa Health System is the nation's sixth largest nondenominational health system.

Integration Architect – Infrastructure Design
Architected and delivered a comprehensive highly-available transaction driven HL7 based Service Oriented Architecture integrating all disparate clinical applications into a comprehensive business event driven system.
- Successfully delivered ahead of schedule complete software infrastructure refresh imitative connecting real-time patient information and user applications using J2EE and ESB brokered services.

Pinnacor Inc. (Acquired by CBS MarketWatch)   Iowa City, IA   **May 1999 – June 2003**
Financial services software solutions leader including market-data and investment-analysis tools for financial services firms.

Lead Software Engineer, Information Services Team – Product Engineering

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Technology Key Words: Java, C#, C++, TOGAF, FEA, BEA Weblogic, Oracle, MySQL, SQL Server, PL-SLQ RDF, SPARQL, SOA, ESB, ITIL, ISO, Agile, CMM, BEA Portal, Oracle Fusion, JBoss AS, Tomcat, Sonic, MQ, Eclipse, SparxEA Rally, Scrum, SIF, IMS, Hibernate, JPA, Web 2.0, JQuery, Ajax, JTA, RBAC, ClearTrust, XACML, CAS, Crowd, J2EE, EJB 2.x, EJB 3.x, MDB, AOP, IOC, Spring, Struts, JSF, Facelets, JSP, Servlet, Maven, Hudson, Continuum, Gang of Four Design Patterns, Microsoft Office, Word, Excel, PowerPoint, Linux, Windows