

Timothy Watson

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System Integration and Technology Consultant

Enterprise Architect and Integration Development Manager with a continuous history of designing and leading the implementation of sophisticated technical solutions for critical business initiatives. Strong technical, organizational, leadership, and decision making skills. Thrives in intense and demanding environments with the ability to balance and reconcile competing priorities. Seasoned IT veteran that can anticipate and avert potential problems. Gifted in team dynamics and able to motivate quietly and effectively through tense and demanding situations.

Leadership, Management, and Industry Expertise:

Business / Technology Partnerships • Quality Improvement
Organizational Development • Paradigm Change • Process Optimization
Healthcare • Telecom • Restaurant • Manufacturing • Retail • Transportation

Information Technology Systems and Practices:

Enterprise and B2B System Integration
Claims, HIEs, Financials, Billing, Payment, CRM, Supply Chain, Retail, and eBusiness
Diverse Architectures, Platforms, Software, Networks, and Databases
Methodology Design & Optimization • Service/Object-Oriented Analysis & Design

Tools and Technologies:

Languages: Java, .NET, C++, C, Shell
Operating Systems: UNIX, Linux, Windows, DOS, OS/400, CICS
Middleware: Java CAPS, Vitria, ActiveWorks, CORBA (Orbix)
Application & Web Servers: Websphere, GlassFish, JBoss, iPlanet, WebLogic
Databases: Oracle, Sybase, Teradata, Progress, DB2, MySQL
Hardware: IBM, Sun, HP, Intel, Cisco, Appliances
Design Tools: Rational Suite, Visio, SQL Navigator, SQL Developer

KEY CONTRIBUTIONS AND RESULTS:

The Regence Group – 2005 to Present (Enterprise Technology Architect)

Team Leadership and Development:

- Lead the Technology / Infrastructure A&E Engagement Team as a Mentorship Incubator for growing Engineers and Analysts by promoting new analysis and modeling techniques, applying architectural rigor, and fostering cross-functional relationships between contributing teams' members
- Key Liaison to Identify and Recruit an Enterprise Security Architect
- Oversight of Engineering and Development Teams to ensure faithful rendering of the Enterprise Architecture

Technology Integration:

- Primary Architect supporting Service Oriented Architecture, B2B Integration, Hardware Infrastructure, Networks, and Security
- Introduced commercial Middleware to promote Service Interoperability and to facilitate large-scale Enterprise Application & B2B Integration
- New Systems: Facets Claims & Membership, Java CAPS Middleware, Sun Messaging Server (Secure Communications Gateway)
- Legacy Integration: EFT Payment Processing, Real-time EDI Membership & Claim Status, EDI Gateway, Multiple Claims & Membership Systems, LDAP HA Conversion, eBusiness Portal Integration, Identity Management

- Regence representative to Washington's One Health Port Technical Advisory Board
- Regence representative to the Utah Health Information Network's Web Services subcommittee, Technical subcommittee, and Master Patient Index subcommittee

Increased Productivity:

- Incorporated a Package Integration Development approach to the formal Program Methodology (Design Templates, Style Guides, Review Criteria)
- Established Service Oriented Architecture Strategy (Shared Services / Software Reuse) along with the Selection, Procurement, and Oversight of the Middleware Platform Implementation

Improved Customer Satisfaction:

- Lead a "Tiger Team" to investigate and recommend improvements to the IT Estimating Process, leading to increased Quality and Consistency of Project Estimates, and to improved relations between IT and the EPMO
- Successfully transformed the A&E "Engagement Model" into an effective Governance Forum, providing Triage and Review of all Work Requests to ensure alignment to the Architecture Roadmap and Standards

Increased Revenues:

- Key Contributor to the Architecture and Integration of the next-generation Healthcare Payer Back-Office (Claims, Membership, Enrollment, Health Coaching, Payments, Sales, Product, Actuarial)
- Contribute to eBusiness Strategy and Establish Supporting Architecture
- Contribute to B2B Strategy and Establish Supporting Architecture

Cost Reduction:

- Facilitated the creation of an EDI Strategy that identified over \$20 million in available annual savings
- Lead a team of Engineers and Administrators to establish a Reference Architecture and Roadmap for the implementation of Network, Server, and Storage Virtualization
- Promote and Guide convergence to reusable Common Enterprise Services
- Control costs associated with our Commercial Software packages by focusing on Interoperability and Extensibility (vs. Customization)
- Consistent use of Industry Best Practices to allow for seamless collaboration with Sourcing Partners

Keynote Presenter:

- Regence Road-show: SOA Vision and Strategy
- BCBSA Information Management Symposium: SOA for Data Practitioners
- Numerous presentations to IT Leadership and Teams to communicate the Architecture Roadmap and to promote the paradigm change to Package Integration and Service Oriented Architecture

Technical Environment:

- Servers: IBM and Sun Unix; Oracle/RAC and Sybase databases; Unix Web, Application, and Mail Servers; Windows Servers
- Packages: Java CAPS Middleware, Facets Claims & Membership, Salesforce.com
- Desktop: Windows / Office, Notes / Domino Collaboration Suite

AT&T Wireless – 1999 to 2005 (Chief Architect / Technology Leader)

Team Leadership and Development:

- Establish Program Architecture Office in support of the Enterprise 3G Program (~10 analysts/architects)
- Oversight of System Architecture and Development Teams (~250 architects/developers) to ensure faithful rendering of the Enterprise Architecture
- Chair of Enterprise Architecture Council

Technology Integration:

- Chief Architect for Build-out and Integration of next-generation Back Office
- New Systems: Billing, Mediation, CRM, Provisioning, Payment, Fraud
- Legacy Integration: Finance, Supply Chain, Data Warehouse
- Introduced commercial Middleware to facilitate large-scale Application Integration

Increased Revenues:

- New systems hosted growth to 10 million subscribers of GSM technology in less than three years.
- Contribute to B2B Strategy and Establish Supporting Architecture
- Contribute to eBusiness Strategy and Establish Supporting Architecture

Cost Reduction:

- Architecture Representative to Global Delivery Center Pilot (Selection Team, India Site Evaluation, Profiling Validation, Curriculum Development)

- IT Cost / Revenue went from highest to lowest in the Wireless Industry

Program Management:

- Establish Architecture Roadmap in support of Business Strategy
- Architectural Review of new Work Requests to ensure alignment to Enterprise Architecture
- Lead Architect for Enterprise Releases
- Synthesized role of Architect / Project Manager / Development Manager for Product Releases

Increased Productivity:

- Champion Paradigm Shift to Package Integration Development Approach (Methodology Upgrade, Organization Recommendations, Mentorship)
- Established Shared Services / Software Reuse Strategy with accompanying changes in Tools, Standards, and Methodology

Improved Customer Satisfaction:

- Facilitation of joint Business and IT sessions to collaboratively develop Requirements and Designs of new Initiatives
- Established SLAs for Architecture Reviews in response to new Work Requests, leading to predictable Governance and Work-Intake processes

Keynote Presenter:

- AT&T Wireless Architecture Summit: Enterprise Application Integration for 3G Business Systems
- Numerous presentations to CIO, VPs, and Directorates to communicate the Architecture Roadmap and advocating for & supporting the paradigm change to Package Integration

Technical Environment:

- Servers: HP and Sun Unix, Oracle and Sybase databases, Unix Web and Application Servers
- Packages: Oracle Financials, Oracle Supply Chain, Siebel CRM, Convergys Billing & Network Provisioning, S2 Open/2 Payment, Teradata Data Warehouse, Vitria Middleware
- Desktop: Windows / Office

Starbucks Coffee Company – 1998 to 1999 (Enterprise Architect)

Team Leadership and Development:

- Establish a Development Center chartered with promoting best-practices for both MIS and End-User Developer communities (~200 developers)
- Establish OO Design and Analysis Standards for MIS new-project development
- Train MIS Developers and Contractors on Integration Methodology, Tools, and Best-Practices

Technology Integration:

- Design Middleware Framework for Enterprise Application Integration (features: message-based, configurable, guaranteed delivery, auditable, error-notification)
- Applied EAI framework to Oracle Financials implementation: reintegrating all AR/AP/GL interfaces to new Oracle Finance application

Project Management:

- Enhance existing Development Methodology to accommodate “Agile” as well as “traditional” approaches
- Establish Change Control Environment for Development Methodology Model and Supporting Materials

Increased Productivity:

- Lead Analysis and Design Project to recommend a Quality Improvement approach for MIS: recommendation based on SEI’s Capability Maturity Model

Technical Environment:

- HP-UX / Oracle standard Server platform, AS/400 Retail platform, Windows / Office standard Desktop platform, ActiveWorks Middleware

Nike, Inc. – 1996 to 1998 (Integration Manager)

Team Leadership and Development:

- Established a new Integration Team from independently contracted resources
- Lead a new team from “Forming” through “Performing” to deliver a value-added platform for project integration ahead of schedule

Technology Integration:

- Lead team of 12 expert developers responsible for integrating 3 COTS, 2 custom, and numerous legacy applications into a comprehensive Supply Chain solution
- Design “Real-Time” Integration Architecture using CORBA, FTP, and Sockets

Project Management:

- Coordinate Development Schedules with those of other Project Teams
- Specify, Verify, and Select Software Tools as required
- Establish and maintain Project Budget

Increased Productivity:

- Designed an E-Commerce gateway supporting EDI, E-Mail, and E-Fax interfaces to Trading Partners’ systems

Improved Customer Satisfaction:

- Designed an Integration Platform with integrated Logging, Auditing, Error Notification, and Information Archiving and Recovery

Increased Revenues:

- Key contributor to “Auto-Replenishment” initiative supporting 72 hour turnaround from Order to Delivery of “Core” NIKE products to US Retailers

Industry Forum Presenter:

- Object World: Enterprise Application Integration using CORBA with Orbix

Technical Environment:

- HP-UX / Oracle Servers for Package Hosting and Order Management
- IBM MVS for Inventory and EDI
- Packages: Demand Planning, Warehouse Management, Transportation Management

EMPLOYMENT HISTORY:

The Regence Group; Portland, OR – 2005 to present

Enterprise Technology Architect (Service Oriented Architecture, Infrastructure) – 2005-present

Acting Security Architect – 2007-2008

AT&T Wireless; Redmond, WA – 1999 to 2005

Technology Leader, Application and Integration Architecture – 2000-2005

Shared Services Architect – 1999-2000

Starbucks Coffee Company; Seattle, WA – 1998 to 1999

Enterprise Application Architect

Nike, Inc.; Beaverton, OR – 1990 to 1998

Integration Manager – 1996-1998

Senior Programmer / Analyst – 1994-1996

Programmer / Analyst – 1990-1994

EDUCATION:

Bachelor of Science, Computer Science; Portland State University – 1989

Masters of Science, Computer Science; University of Washington – 2003