

L. Ümit Yalçınalp, Ph.D.

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Experience: Architect; Evangelist, leader and strategist in technologies such as Web2.0, dynamic languages, Web Services, SOA, component architectures, XML and Java technologies. Over 17 years of product development experience in every stage of the software life cycle, from research, conceptualization to deployment of real products. Author/Editor of books, specifications and company position papers. Presenter at conferences. Technology positioning for external partners. Provider of technology evaluation, architectural and technology guidance to multiple departments within a corporation. Technology and project management to meet customer requirements. Effective interaction with junior engineers as well as senior level management towards achieving common goals. Very creative, flexible and goal oriented. Positive outgoing personality.

Employment History:

Architect, September 2004-present, , SAP Labs LLC.

- Co-authored a book, [Web Service Contract Design and Versioning for SOA](#) published by Prentice-Hall.
- Led a team in design and development of a new generation enterprise application development environment with web2.0 technologies and dynamic languages, such as Ruby and JavaScript. In particular, the project focused on building and consuming *data oriented services* for *enterprise mashups with REST*. Investigation areas included many technologies, such as Microsoft Silverlight, browser based JavaScript libraries, EXT JS, Google Data API, REST based encoding of data APIs and transactions, domain specific languages (DSL) with Ruby.
- Hired, managed and provided technical direction to several MS and Ph.D. students for the project and supervised a MS thesis. Handled project management of all aspects of the project from design to development to delivery within SAP.
- Gave many presentations to other architects and senior level management. Provided technology expertise to related projects in the department and to other departments in the company in encompassed technologies and emerging trends in the industry.
- Gave two external talks related to the project, *Mashups for Composite Enterprise Applications* at [OASIS Symposium](#) and *Enterprise Mashups with SOA* at the 1st [SOA Symposium](#) in Amsterdam.
- Collaborated in wiki and social network research. Co-authored [two papers](#), *An XML interchange format for Wiki Creole 1.0*, and an *EBNF grammar for Wiki Creole*.
- Represented SAP in several standards efforts including **WS-Policy**, **WS-Addressing**, **Web Services Description** working groups in w3c, **WS-ReliableExchange** technical committee in OASIS, **Service Component Architecture** (SCA) Policy and Bindings Subgroups in OSOA.org and **JEE 5** expert group in Java Community Process.
- Served as an *editor* of **WS-Policy** family of specifications, **WS-RM** and **WS-RM Policy**, **WS-Addressing Metadata** specifications in W3C and **SCA Policy** in OSOA.org.
- Negotiated and managed the submission technical proposals for specification enhancements and issue resolution.
- Collaborated with and presented the technical direction to external vendors and customers.
- Provided direction, architectural guidance, product requirements and feedback to internal development groups, handled program management and coordination of web services architectural integration issues within the standards team and resulting company positioning to external vendors.

- Managed internal standards strategy on Management of Web services with product groups in developing joint proposals collaborating with key partners.
- Ranked as top blogger in Web Services in 2006 as part of Sap Developer Network. Active Blogger.

Consulting Member of Technical Staff, September 2002-September 2004, Server Technologies Group, Oracle Corporation.

- Technical lead in Oracle's Web Services Stack development team. Responsible for WSDL, modeling, data binding and policy direction for web services.
- Acted as a liaison and member of internal web services standards and product teams, helped in implementation and conflict resolution of direction in the WS stack.
- Represented Oracle in several standards groups such as **Web Services Description** working group in w3c, **JAXRPC 1.1** and **JAXB 2.0** expert groups in JCP. Author of several proposals that got integrated into the specifications and submitted to W3C.
- Co-author of [WS-Message Delivery specification](#) and [Describing Media Content of Binary Data in XML specification](#) submitted to W3C. The latter became a working group note.
- Handled negotiations and communication of new specification features with external vendors. Reviewed proposals by others before communicated externally. Provided review of new project proposals for other team members within the department.

Staff Engineer, February 1998-August 2002, J2EE, Sun Microsystems.

- Co-architect of the Enterprise Java Beans 2.0 specification. Responsibilities included communication and negotiation with external JCP partners, internal development teams for project management and product marketing. Shared responsibility for the design and specification of container managed persistence (**CMP**) and the query language, **EJB QL**. Reviewed other JSR/J2EE documents and sharing strategy direction with J2EE architecture team.
 - Presented several talks on key technologies in the J2EE platform at JavaOne conferences as well as J2EE licensees. Organized a business oriented session with J2EE vendors discussing the advantages of the EJB 2.0 architecture at JavaOne 2002.
 - Served as internal expert to other leads on XML schema issues and design.(2002) and designed all J2EE 1.4 XML Schemas and provided tools. Originated the design and content of the [web site](#) that now serves as the repository for all J2EE schemas.
- Represented Sun Microsystems in w3c in XML Core working group (2002), XML Query working group (September 1999-June 2000), XSL working group (March 1999-June 1999), in JSR 94 (April 2000-July 2001). Member of internal design groups on WS, Work flow and XML standards.
- Architect and engineering positions focusing on XML content transformation services with XSLT and Servlets, UML tooling for Java and UI framework engineering. Prepared and presented product demo at JavaOne 1999. The UI framework was demoed at one of the JavaOne 1998 keynote sessions.

Manager, Oct 1996-February 1998, R&D Group, Price Waterhouse Technology Centre.

- Responsible for the design and development of a user Profile and Notification system for delivering Edgar Filings using Oracle and Lotus notes.
- Project manager of the Notes Explorer (NX) project which is knowledge management tool that extracts and classifies data from different semi structured data resources including LotusNotes

databases and web collections. Involved with internal release serving 5000+ internal customers in 3 continents.

- Arranged PW's participation in Java Foundation Classes beta program at Sun Microsystems.
- Organized a Java developer day at PW with external vendors, including Sun, BEA and IBM.

Staff Software Engineer, Sept95-Sept96, Internet Products Group, Sybase Inc.

- Team lead of the *web.sql* product team which is Sybase's first web based connectivity product that allowed the web developers to embed enhanced Perl with database connectivity API and SQL scripts within their html pages. Responsibilities included completion of product releases, demo development, setting product feature and delivery priorities, team coordination as well as key design and development tasks.
- Key developer in building a prototype for web based GUI tool pioneering JavaScript using specific database meta data.

Application Architect, Nov 1994-Sept 1995, The Vantive Corporation.

- Owned the design, implementation, deployment and support of Vantive's Help Desk product. Managed multiple releases of the product versions as well as integration of third party products, such as Excel spreadsheets and HP OpenView using SNMP protocol. Coordinated with other departments in integrated product releases. Worked closely with other application architects of related products in seamless integration of new platform features.

Lead, Nov 1992-Nov 1994, Quintus Corporation.

- Lead engineers and consultants responsible for Quintus WorkPro product family releases. WorkPro is a client server application framework for developing Query-by-example based database applications specifically for CRM, such as Customer, Defect and Sales tracking. Focused on database connectivity, abstract query dynamic compilation layer, specific target RDBMS design integration, product integration with external packages for analytics.
- Consulting Engineer responsible for delivering several custom applications based on WorkPro. Focused primarily on CRM, product defect tracking and sales management applications. Responsibilities included planning and project management of projects as well as design, development, deployment and support of custom applications using multiple RDBMS, including Oracle and Sybase. Managed customer engagements ranging from small startups in Silicon Valley to large corporations, including Intel, Mead, HP, Intergraph.

Education

- *PhD. in Computer Science*, Case Western Reserve University, Cleveland, Ohio, 1991.
- *M.S. in Computer Science*, Case Western Reserve University, Cleveland, Ohio. 1987.
- *B.S. in Computer Engineering*, Middle East Technical University, Ankara, Turkey.

Outside Work: Painter (student at SFAI, UC Berkeley Art programs), Rock and classical music singer.

Publications: Available upon request.

References: Available online as part of [linkedin profile](#) and also upon request.