

Tom Rohner

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SUMMARY

Innovative action-oriented senior level software professional experienced in providing leadership with technical depth and breadth. Proficient in the blending of advanced leading edge technology with common sense to achieve large scale, high-performance, scalable, reliable and cost effective solutions. Proven 15-year record of accomplishments of vision, strategy, leading, architecting, coordinating, building global consensus among diverse technical groups and organizations including the overseeing of all phases of full product lifecycle for multi-million dollar distributed programs; delivering on time, on budget and exceeding customer expectations. Specializing in product and program solutions within enterprise Service Oriented architecture (SOA), Web Services domains and middleware; comfortable presenting, mentoring or coaching technology globally from “C” management to developer level.

EXPERIENCE

Pearson, Assessment, and Education

2005 –

Pearson is an International Media Company with World Wide Businesses in Education, Business information and Consumer Publishing with more than 30,000 employees based in 60 countries.

Chief Senior Architect for the Service Oriented Architecture (SOA) on Technical Staff to the Director of Strategy and Technology

- Chartered with developing the future architecture and infrastructure for the Measurement and Assessment Division
- Create and establish the Service Oriented Methodology for the entire Life-Cycle of Business components and services.
- Develop and Establish key patterns within the Enterprise Service Buss paradigms
- Developed the UML SOA Profile used to Model the entire SOA life-cycle

Hewlett-Packard Company / Compaq Computers Corporation

1988 – 2005

(Formerly Tandem Computers Inc), Cupertino, CA:

Chief Java/J2EE/CORBA Architect on Technical Staff to the VP of Software Development

- Developed and set key strategic vision, short term through long term strategies, architectures, requirements and roadmaps for Java, J2EE and CORBA technology programs; meeting customer expectations, provided a 4% increase in hardware drag
- Established strong architectural direction, oversight, collaboration, technical leadership skills to all vertical and horizontal organizational levels on 9 major parallel middleware programs;

J2SE, J2EE, Web Server, JSP, JDBC, JMS, SOAP, BEA WebLogic, CORBA; 100% success record delivering on-time, on-budget, on-function

- Championed advanced technologies like SOA and Web Services
- Isolated, resolved organizational and cross-organizational bottlenecks to successfully architect and deliver 22 mission critical multi-million dollar releases on schedule
- Performed numerous architectural design audits and reviews with Fortune 100 companies, reducing overall product support by 65% and increased customer satisfaction
- Conducted functional requirement analysis with customer architecture groups, industry analysts, field support; 96% customer satisfaction on product feature
- Formulated open-source software integration strategy and execution; 30% reduction in costs and resources, 40% increase in product value-add
- Strengthened HP's open-standards' image; Represented HP on Board-of-Directors to OMG (Object Management Group); Assisted response and vote to the Java JSP
- Improved level of service for selective response and repair by 70%

Chief Component Architect and Strategist

Promoted to Principal Member of Technical Staff

- Established clear and concise product requirements; with key fortune 100 customers, their architecture teams, OMG contacts, industry analysts and technical field sales
- Led direction on new advanced technology development programs
- Evangelized to enhance vitality of top 100 key global technical field sales analysts; emerging trends, enterprise integration, business components, composite applications, application servers, SOA, Web Services, ESB, building blocks and NonStop Product
- Advised world's largest organizations and their architects on developing highly scalable, reliable, distributed and integrated landscapes; Organizations ranging from DotCom, Finance, Telco, Retail, Trading, Healthcare and Travel; including companies such as AOL, Deutsche Bank, Deutsche Telecom, Sprint, Target, Hertz, Lloyds of London, NASDAQ, Sabre, Target, Toyota, Nokia, and many others
- Established technical integration, goals, approvals and negotiations with external technology vendors; reducing program resources 23%
- Coordinated, reviewed and approved offshore out-sourced teams on product enhancement designs resulting in a 100% correct product updates
- Developed vision of utilizing CORBA as cornerstone of Compaq's Zero Latency Enterprise technology; demonstrated transaction rates of 100,000 transactions per second

Manager, Lead Architect and Evangelist

- Managed and Staffed a strong and focused agile team (15) to refocus, simplify and re-engineer the NonStop Distributed Object Manager while improving heterogeneous transactional value-add and performance for both C++ and Java bindings; successful early release to major Telecom providers; shipped on budget and ahead of schedule
- Hand-selected and managed a second cohesive tiger team (5) committed to the R&D of a new high-performance J2EE application server product supporting new N-tier enterprise-wide solutions; direct responsibility leading QA, PUBS and Product Management to

provided a fast path lifecycle; product shipped within 6 months; received team award of excellence

- Strategize industry trends and direction for product planning; remained competitive
- Technology advocate and evangelized to customers and field force; improved vitality by 70%

Distributed Middleware Development Architect and Evangelist

- Promoted to development organization to provide architectural direction and rescue the critical CORBA initiative;
- Advocate / Evangelist for CORBA and Distributed computing to the field.
- Analyzed customer requirements and usage within distributed enterprise computing
- Developed Product Objectives, Product Requirements, Architectural and Design direction and Documents
- Delivered numerous seminars across Europe and across the Pacific Rim

Senior Large System Management Analyst, Advanced Technology Group

- Globally mentored and delivered TOIs (Transfer of Information) to raise Tandem's field analyst's vitality
- Supplied advanced distributed application and database design audits worldwide
- Supported worldwide technical pre-sales support groups; 100% sales closers
- Presented worldwide at major symposiums and Client/Server technology shows

EDUCATION & PROFESSIONAL DEVELOPMENT

Eastern Iowa College, Electrical Engineering

Numerous programs, conferences, seminars and workshops including: Managing Projects, Customer Relations, Employment Actions and Law, OOAD, J2EE Architecture, others

PUBLICATIONS

Many external, internal papers, articles, and technical videos on enterprise technologies. Have presented at every major Object Oriented and Distributed Conferences around the world.

AWARDS

Numerous Development Team, Product Delivery, Customer Relation Improvement awards; Employee of the Quarter awards, TOPs (Top Outstanding Performer) award, many others

PATENTS

Two Patents – NSMessageStreams, Digital Distance Sensing

SKILLS

Business Skills: Development and Program Management, In-Bound Product Management, Risk Analysis, Benchmarking, Corporate Image Campaigns, Strategic Planning, Budgeting and Resource planning

Project Management: SPI, Microsoft Project, MooD, SDLC, MindTalk

Methodologies: Agile, SCRUM, XP Development; UML, MDA, RUP, OOAD (object oriented design) AOP (Aspect Orient Programming), POJO (Plain Old Java Objects), Design patterns (J2EE, Distributed)

Open-Standards: WS-*, CORBA, J2EE, BPEL, JBI (Java Business Integration), SCA, SDO

Distributed Architectures: Open Systems Architecture, Service Oriented Architectures (SOA), Enterprise Service Bus (ESB), Web Services, B2C/B2B, N-Tier Systems

Containers: Sun JEE (J2EE), JBoss, BEA WebLogic, IBM Gluecode; Spring, Borland, Iona, ACE/TAO

Web Services/Distributed Middleware: Apache, Tomcat, AJAX, SOAP, UDDI, WSDL, REST; RMI, IIOP

Tools: EA SPARX, Eclipse, Visual Studio .Net, MS Visio, Microsoft Office (all), ArgoUML, many, many others

Multimedia Tools: Adobe's Premiere and Elements, Macromedia Flash, Techsmith's Camtasia, PowerPoint, BPM tools, many others

Languages / APIs: Java, C++, C#, Visual Basic, Axis, Jscript, JSP, servlets, SSL, XML, XSLT

Database: NonStop SQL MP/MX, MySQL, MS Access, Hibernate, JDBC, JDO, LDAP, RDMS