

Overview

Andrzej Taramina (pronounced André) has over twenty-five years of experience in the architecture, design, development and implementation of complex business systems for international corporations. He has excellent communication skills and has been a practicing consultant for over a decade in sectors ranging from telecommunications, manufacturing/distribution, aerospace, government and financial services. Mr. Taramina specializes in strategy, architecture, development and implementation of Service-Oriented systems, based on: Web Services, ebXML, XML/XSLT and multi-tiered J2EE architectures. Mr. Taramina is also an experienced project manager and technical lead.

Skills

J2EE: BEA WebLogic, IBM WebSphere, JBoss, Tomcat, EJB, JMS, JDBC, Struts, Servlets, JDO, TOPLink, Ant, JProbe.

Languages: Java, C++, C, JavaScript, Perl, Smalltalk, CORBA, Cobol.

Web: Web Services, SOAP, WSDL, UDDI, ebXML, XML, XSLT, HTML, DHTML, XML-RPC, Apache, mod_Perl, CGI, .NET, eCommerce.

Database: Oracle, Sybase, DB2, SQLServer, MySQL.

Platforms: Solaris, Linux, UNIX, Win NT, Win 2K, Win XP, Mainframe, MVS.

Architecture: UML, Together, Rational Rose, Design Patterns, OOA/OOD.

Project Management: Microsoft Project, RUP, Feature Driven Development (FDD), Joint Application Development (JAD), Agile/RAD/XP.

Other: GPS, Wireless, Bluetooth.

Experience

Chaeron Corporation (Barrie, Ontario, Canada)

Jul 2002–Present

Chief Architect

Architected and developed the MGD (Mobile GPS Demonstration Platform) Project: Phase 2. This included upgrading of Web Services and software infrastructure to latest release levels, Bluetooth-enablement of Mobile Vehicle Platform and extension of GPS Library functionality (Java). Environment/Tools: J2EE, JBoss, EJB, Tomcat, Apache, Struts, Castor JDO, MySQL, Sun JWSDP, kSOAP, XML, XSLT, SAX, DOM, SOAP, WSDL, JAX-RPC, JAXM, JAXP, JSP, Servlets, HTML, Design Patterns, OOD/OOA, Together, Ant, Microsoft .NET.

General Motors (Detroit, Michigan, USA)

Feb 2002–Jul 2002

Consulting Architect

Analyzed requirements, architected and delivered a "first of it's kind" ebXML/Web Services implementation that integrated a comprehensive ebXML B2B trading partner solution with seamless Web Services integration of back end fulfilment systems. Also created comprehensive Service-Oriented Architecture, Web Services and ebXML (B2B) strategies and recommendations. Evaluated and recommended standards, vendors and products. Negotiated vendor agreements for resources, products and support (many at little/no cost). Created and managed a multi-partner ebXML/Web Services implementation team. Delivered comprehensive documentation spanning strategy, tactics, implementation and operations. Environment/Tools: J2EE, EJB, JSP, Servlets, BEA WebLogic, Together ControlCenter, Rational Rose, ebXML (UML Modelling, MSH, BPSS and Reg/Rep), BPM engine, Oracle, Tomcat, Sun JWSDP, JAX-RPC, JAXM, JAXR, JAXP XML, HTML.

Life Itself (Barrie, Ontario, Canada) Oct 2002–Present
eCommerce Architect

Designed and developed a browser-based, dynamic Image Gallery maintenance and display system for client web site. Environment/Tools: Perl, HTML, XML, XSL, JavaScript, Templates, server-side image manipulation, mod_Perl, Apache and Adobe PhotoShop.

Harley Davidson (Barrie, Ontario, Canada) Oct 2001–Jan 2002
eCommerce Architect

Designed and developed a browser-based dynamic Pre-owned Motorcycle inventory maintenance/display system for client web site. Environment/Tools: Perl, JavaScript, HTML, XML, XSL, Templates, server-side image manipulation, mod_Perl, Apache and Adobe PhotoShop.

Chaeron Corporation (Barrie, Ontario, Canada) Oct 2001–Jun 2002
Chief Architect

Architected and developed the MGD (Mobile GPS Demonstration Platform) Project - Phase 1. The MGD project integrated Embedded/Real-Time Java, position-based applications, GPS (Global Position System) technologies, Wireless/Mobile connectivity, Web Services, and server-side J2EE/.NET (including EJB and DBMS persistence). This project was presented at JavaOne 2002 in San Francisco. Environment/Tools: J2EE, JBoss, EJB, Tomcat, Apache, Struts, Castor JDO, MySQL, Sun JWSDP, kSOAP, XML, XSLT, SAX, DOM, SOAP, WSDL, JAX-RPC, JAXM, JAXP, JSP, Servlets, HTML, Design Patterns, OOD/OOA, Together, Ant, Microsoft .NET.

Chaeron Corporation (Barrie, Ontario, Canada) Aug 2001–Present
Chief Architect

Designed and developed the Chaeron GPS library, which provides a high level Java interface to GPS units, is cross-platform portable and runs on PC's, Palm/PocketPC PDA's, Linux, WinCE, Macs and on the Systronix/aJile Embedded Java platform. This application also generates GPS data in XML format. Designed the GPSml markup language, an XML format for all GPS-generated data, both real-time position related data and collections (such as waypoints, tracks, routes) using W3C XMLSchema best practices. Environment/Tools: Java, XML, XMLSchema, SAX, DOM, J2EE Design Patterns, OOD/OOA, Together, Ant.

Barclays Bank Joint Venture (London, England) Jul 2000–Jul 2001
Chief Architect/Director of Technology

Analyzed requirements, architected, developed, deployed and managed (multi-location international team) an advanced, consumer-oriented Financial Supermarket web portal, including content management and eCRM functionality. Delivered 10 Financial Intermediation, Web Services-enabled, server-side application components with full presentation-layer code for each component. Delivered 1/2 million lines of quality, tested, performing J2EE code in less than one elapsed year with only 3.5 man-years of developer time. Environment/Tools: J2EE, BEA WebLogic, Apache, Tomcat, Struts, HTML, XML, Web Services, Oracle, Sitraka JProbe, Bugzilla, WinRunner QA tools, Communique content management, eGain/eWare eCRM, Design Patterns, OOD/OOA, Together, Ant, TOPLink.

Bayshore Capital (Toronto, Ontario, Canada) Feb 2000–Jul 2000
Chief Architect

Managed complete technology team/solution, re-architected, re-designed, and operated imoney.com, the premier Canadian Financial Services internet portal. Improved portal performance 6-fold within two months. Redesigned site Look/Feel/Usability. Improved IT procedures, operations, environment, and availability. Re-architected portal to use J2EE (replacing obsolete, unmaintainable Perl scripts). Re-architected mutual fund management system from Microsoft VB to J2EE with 50x performance improvement. Environment/Tools: J2EE, BEA WebLogic, Apache, Tomcat, Struts, HTML, Oracle, Sitraka JProbe, Design Patterns, OOD/OOA, Together, TOPLink, Perl, mod_Perl.

IBM (Poughkeepsie, New York, USA) Jun 1999–Jul 1999
Consulting Architect

Conducted architectural review of Engineering BOM management system including performance analysis of messaging infrastructure. Environment/Tools: C++, DB2, Interagent Messaging, Neuron Data Elements.

Accredo Systems (Ottawa, Ontario, Canada) Jun 1998–May 1999
Chief Architect

Designed, developed and deployed commercial Project Management integration, and DiVA (Distributed View Architecture) messaging-based middleware software products. Environment/Tools: Java, EJB, JMS, JProbe, Together/J, C++, Oracle.

Newbridge Networks (Ottawa, Ontario, Canada) Nov 1996–May 1998
Team Lead/Architect

Designed and developed Project Management and Resource Planning applications. Environment/Tools: Java, C++, Oracle, Neuron Data Elements, InterAgent Messaging (JMS precursor).

Northern Telecom (Berkeley, California, USA) Sep 1995–Jan 1996
Team Lead/Architect

Designed and developed a distributed Service Management system for a large US Telco. Environment/Tools: C++, Oracle, Neuron Data Elements, InterAgent Messaging (JMS precursor).

Bell Canada (Barrie, Ontario, Canada) Jun 1994–Jul 1995
Team Lead/Senior Developer

Designed and developed an advanced Operational Support System (TNOSS) to control the Bell Canada Fibre Optic network and T3 traffic. The system included an advanced event management infrastructure, integration of external switching equipment (Alcatel, etc.), high-performance, real-time event monitoring and display, automated and manual network provisioning and rerouting. Also conceived of, designed and delivered service routing dependency control/display functionality that saved Bell approximately \$2M every time it was used. Environment/Tools: C/C++, Oracle, Neuron Data Elements.

Various Other Engagements (Canada and USA) 1975–1994

United Airlines, Daimler/Chrysler, Wells Fargo Bank, Spar Aerospace, onFinancial, canoe.ca, Bank of America, Barclaycard UK, Sun Microsystems, IBM, Spar Aerospace, Dighem I-Power, Canada Packers, Bell Sygma, Yamaha Motors, Revenue Canada, RPM Systems.

Professional Societies

APCC - Association of Professional Computer Consultants

APICS - American Production and Inventory Control Society

Publications

- Andrzej Jan Taramina. *Mobile GPS Demonstration Platform White Paper*. 2002.

References

Available upon request.