

FOCUS

Web Enterprise Architecture, Service-Oriented Architecture, Telephony.

EXPERTISE

Architecture: Rational Unified Process
Web: Java, EJB, C#, ASP.NET, Spring, SQL, AJAX, Web Services, XML, Javascript
EDI: AS2, XML, VANS, XSLT, Edifact, RosettaNet
Telephony: VoIP, SIP, Asterisk, JTAPI, JAIN JCC, JAIN JCAT, JAIN SLEE, Midlets, CLDC, Mitel PBXes
Patents: 4 filed. 2 awarded by the U.S. Patent Office.
Open Source: Project lead on Sourceforge project "Generic JTAPI and JAIN JCC"
Standards Bodies: Java Community Process JSR 22 Member (JAIN Telephony Service Logic Execution Environment API)

MAJOR CLIENTS

Canadian Medical Association Holdings Ottawa, Ontario 2008-2009

- Architect and Team lead on a system integration project involving SQL SSIS, C# application development and XML file generation
- Integrated legacy, off-the-shelf and custom components using XML data exchange
- Developed system-level security plan to safeguard client financial data

Stilo Corporation Ottawa, Ontario 2008

- Migrated mature OmniMark editing environment to latest version of Eclipse platform

Deloitte & Touche (Treasury Board Secretariat) Ottawa, Ontario 2004-2007

- Architect, under a joint Deloitte/IBM contract with the Treasury Board Secretariat of the Government of Canada, for the Government of Canada "Expenditure Management Information System" suite of on-line applications.
- Employed the Rational Unified Process
- Implemented Service-Oriented Architecture to integrate separate systems.
- Developed navigation and fine-grained MVC framework for ASP.NET C# system

CRL Network Inc. Burlington, Ontario 2007-2009

- Architect for J2EE/Spring Enterprise Commercial Real Estate listing site
- Integrated clients' commercial listing data into on-line real estate listings
- Analyzed and recommended search engine optimizations

Intertrade Systems Corporation Montreal, Quebec 2003-2004

- Refactored the in-production business-to-business "EDI" framework as J2EE containers.
- Spearheaded the design and development of SOAP web services as a communication protocol.
- Developed AS2 servlet for J2EE container

Rational Software Corporation Kanata, Ontario 2000-2003

- Working with core product group on Java Eclipse platform support (RUP tools).
- Architected cross-platform Java "SWT" widgets for the Rational Suite of Products.
- Technical consultant on Rational Strategic Policy

8x8 Inc. Santa Clara, California 2001

- Worked as part of their core "SLEE" telephony service group to develop a Java telephony services "IDE".
- Developed light-weight service simulator
- Designed and implemented XML-based persistence engine.
- Technical lead on Java Community Process Expert Group

UJForce Inc. Montreal, Quebec 1999-2001

- Designed re-usable Java Telephony API implementation
- Developed second generation application framework based on J2EE
- Built Java Speech implementation based on JSAPI and Festival

XIA Information Architects Ottawa, Ontario 2000-2001

- Chief Architect in a XML consulting firm
- Built web-based structured information systems
- Performed systems analysis and integration

OTHER CLIENTS

<i>Mitel</i>	<i>Gallium</i>	<i>BeVocal</i>
<i>Department of Health and Welfare</i>	<i>Canada Post Corporation</i>	<i>Department of Defence</i>
<i>Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.</i>	<i>First National Bank of America</i>	<i>Ottawa Carleton District School Board</i>
<i>CMPA</i>	<i>WebGain</i>	<i>Talafone</i>
<i>Telegy</i>	<i>Tier-Fore</i>	<i>Agra Monenco</i>
<i>The Object People</i>	<i>IGN</i>	

PROFESSIONAL EXPERIENCE

Framework Architect, Technology Lead
Sanga Research Canada Ottawa, Ontario 1997 - 1998

- Lead architect in a 400 person, global enterprise Java company.
- Spearheaded the design and development of a Java Application Server for the management and deployment of Sanga Vertical Solutions.
- Envisioned, designed and built Sanga's key Business Rules framework and repository.
- Built a core team of 45 developers at the prime Sanga development office in Ottawa: QA, training, support, technical writing and project management.
- Set-up a matrix-driven organization
- Initiated Extreme Programming 'boot camps'

Team Leader, Internet Applications
Mitel Corporation Kanata, Ontario 1991-1997

- Instigated team focused on the development of Internet applications
- Built distributed telephony applets with CORBA distributed communication
- Participated in review of Java Telephony API
- Worked on skunk works team developing communicating agents based on Smalltalk, KQML and CORBA

Researcher, VLSI Group
University of Guelph Guelph, Ontario 1991

- Developed Linear Programming and Heuristic techniques for Multiplexer optimization in Design Synthesis

EDUCATION

M. Sc. (Computer and Information Science)			
University of Guelph	Guelph, Ontario		1991
B. Sc. (Computer and Information Science)			
University of Guelph	Guelph, Ontario		1989
B. Sc. (Honours Physics)			
McMaster University	Hamilton, Ontario		1986

CONFERENCE TALKS

R. Deadman	IEEE Women in Engineering	Ottawa, Ontario	March 2007
	<u>When Good Enough is Perfect</u>		
R. Deadman	XML World	Ottawa, Ontario	September 1999
	<u>XML as a Distributed Application Protocol: the Technology and the Politics</u>		

PAPERS AND PUBLICATIONS

R. Deadman	IEEE Talk	Ottawa, Ontario	March 2007
	<u>When Good Enough is Perfect</u>		
R. Deadman	CIO Government Review		August 11, 2004
	<u>The case for policy audits</u>		
R. Deadman	Java Developer's Journal		March 2002
	<u>An API Developer's Primer</u>		
R. Deadman	Java Report		October 2000
	<u>The Client is Dead... Long Live the Client</u>		
R. Deadman	Java Report		May 2000
	<u>Pluggable Patterns</u>		
R. Deadman	Java Report		October 1999
	<u>XML as a Distributed Application Protocol: the Technology and the Politics</u>		
R. Deadman	Java Report		March 1998
	<u>TOPLink: A Step beyond Object to Data Mapping</u>		
R. Deadman	Java Report		October 1997
	<u>When in Rome: A Guide to the Java Paradigm</u>		
S. Abu-Hakima, I. Ferguson, N. Stonelake, E. Bijman, R. Deadman	DND/CSA and IJCAI Conferences		
	1995		
	<u>A help desk application for sharing resources across high speed networks using a multi-agent network architecture</u>		
T.C, Wilson, B. Halley, R. Deadman, D.K. Banerji	CCVLSI		1992
	<u>Optimal Register Allocation and Binding in Behavioural Synthesis</u>		

SCHOLARSHIPS AND AWARDS

Certified Java Architect		1999
National Sciences and Engineering Research Council Postgraduate Scholarship		
		1990-91
Ontario Graduate Scholarship (Declined)		1990-91
University of Guelph Graduate Scholarship		1989-90