



Bernie Michalik

Professional experience

Profile

Bernie Michalik is an IBM Certified IT Architect and a Master Certified IT Architect with The Open Group. He has over 25 years of experience in designing, creating and implementing complex solutions and is capable of performing a wide variety of roles, from leading large teams to developing small applications. Bernie has published a number of papers on IT architecture and IT methodology. He sits on the IBM Architect's Certification Board for the Americas.

Currently he is working as a Web 2.0 and Emerging Technology Evangelist, consulting with clients on how to use new social computing to better meet the needs of their business. He also advises within IBM on how Web 2.0 can benefit his own company. He contributes both to his team's blog (<http://theOrangeChair.com>) and his own professional blog (<http://BernieMichalik.wordpress.com>).

Employer History

10/1983 - To date **IBM, Toronto, Ontario, Canada**
Senior IT Architect

Bernie has worked throughout IBM, from the Computing Centre to Network Services to IBM Global Services, his current group. He divides his time between client engagements and internal activities that provide value to IBM. In recent years he has presented at numerous IBM conferences, participated in a variety of advanced technical studies, and has worked to develop new business opportunities for IBM. He has received a variety of IBM awards, including an IBM Canada Special Achievement Award, IBM Canada Achievement Award, IBM Canada Special Contribution Award, IBM Administrative Achievement Awards, and IBM Canada Team Success Awards. Bernie is also the author of a number of papers on IBM's developerWorks web site.

Assignment History

07/2007 - To date Various IBM Clients

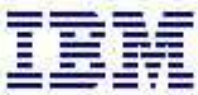
Consultant, IT Architect, Web 2.0 Catalyst

Project Description: Bernie has been working with a team of Web 2.0 experts on web 2.0 initiatives both externally and internally. He has given presentations to and advised executives on the value of Web 2.0. He has held workshops with clients in publishing, gaming, banking and insurance to understand the value of Web 2.0 and social computing. He has designed solutions for clients using social computing technologies to build communities. He has even developed enterprise mashup proof of concepts to better understand the technology and deliver value to IBM.

03/2007 - 07/2007 Bell Canada, Toronto, Ontario, Canada
IPTV Project

Infrastructure Consultant and Specialist

Project Description: Bernie worked on designing and implementing a large scale, end-to-end test environment to support the roll-out of a complex new service offering at this client. The test environment was comprised of many separate systems that belonged to various parts of the organization and that consisted a wide range of



technologies. Bernie led the analysis of how best to setup an end-to-end test environment and led the coordination of setting up the test environments.

- 03/2006 - 03/2007** Ontario Association of Children's Aid Societies, Toronto, Ontario, Canada
Project SIS
Solution Architect
Project Description: Bernie led a technical team of IBM, government, and client resources in developing an Integrated Case Management system for a federation of child services agencies that were looking to combine a variety of smaller, legacy applications at various locations into one single information system based upon Cúram.
- 04/2005 - 09/2005** Dynamic Mutual Funds, Toronto, Ontario, Canada
Self Service Web Service Web Site Project
Solution Architect
Project Description: Bernie led the development of a self service web site that extended a number of the client's internal systems (including Siebel and ReportNet BI systems) to Financial Advisors and their Assistants. The web site provided them with online access to their financial portfolio and other key information. Berne and his team used a combination of RUP and IBM Global Services Method to achieve their results.
- 01/2005 - 02/2005** Provincial Ministry
Architectural Assessment Project
Consulting IT Architect
Project Description: Bernie acted as the data and legacy system architect for an architecture assessment project for a complex government application. Bernie led a number of workshops and interviews in order to understand the client's data model, how the client used their BI software (Business Objects), and how the COBOL programs that access this data were designed. The results of his analysis were incorporated into the project's final report that was presented to the Deputy Minister.
- 04/2004 - 01/2005** Royal Bank of Canada, Toronto, Ontario, Canada
eBA Program
Performance Consultant
Project Description: Bernie acted as Performance Consultant for a software development program at one of Canada's banks. He was responsible for developing the performance methodology for the program's various projects as well as advising project members as to what steps they should be taking with regards to developing high performance web applications that were based on Web Services and SOA.
- 07/2003 - 11/2003** Dundee Mutual Funds, Toronto, Ontario, Canada
Self Service Web Service Project
Solution Architect
Project Description: Bernie headed a major web site redesign for the mutual fund company web site that concurrently changed all



aspects of the site: from the Application and Information Architecture to the Infrastructure Architecture, resulting in a high availability solution based on a Linux/Open Source-based Infrastructure that integrated with a number of legacy systems.

01/2003 - 02/2004 WSIB, Toronto, Ontario, Canada
Cúram Implementation
Solution Architect
Project Description: Bernie led a multi-year, multiphased Integrated Case Management (ICM) project that consisted of an international team of IT architects and IT specialists that worked with the client to determine the viability of using such ICM software in their IT environment, before finally building a pilot application based on the results of the evaluation. Bernie directed the IBM application team and the Cúram software team to model the Cúram framework to suit the needs of the client and was directly involved with the roll out of the solution.

Key Skills

Industries: Government, Banking, Securities, Media & Entertainment, Telecommunications

Process and Functional Skills: Web 2.0 Consulting, Solution Architecture, Infrastructure Architecture, Performance Engineering, Methodology Consulting, Team Leadership, Client Relationships, Public Speaking, Negotiations, Time Management

Methodologies: IBM Global Services Method, Rational Unified Process, Agile

Areas of Specialization : Web 2.0, Solution Architecture, IT methodologies, Performance Engineering, Network and Infrastructure Design, WebSphere Application Server

Middleware WebSphere Application Server, Tomcat, Apache, IBM Directory Server, Novell Directory Server, Netscape Enterprise Server

Software Tools: IBM Rational Software Architect, Microsoft Visio, Microsoft Office, Microsoft Project, many Web 2.0 tools and platforms

Technical Frameworks: J2EE, Cúram, Struts, Hibernate, Drupal

Operating Systems: AIX, Linux, SUN Solaris, Windows 200x, zOS, VM

Languages: Java, PHP, XML/XSL, HTML, C/C++, Awk, Perl, Prolog, REXX, PL/1

Databases: DB2, MySQL, ORACLE

Education

Qualifications Bachelor of Science in Computer Science/Mathematics
Dalhousie University, Canada, 1983

Languages English Fluent