

STEPHEN W. THOMAS

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SUMMARY

Dedicated, detail-oriented IT Professional with 16 years of experience analyzing, designing and developing integration solutions. Over 15 years of consulting experience including positions with Accenture and Avanade. Over 14 years of working knowledge with Microsoft BizTalk Server. An 11 year Microsoft Most Valuable Professional (MVP) in BizTalk Server / Microsoft Integration. Hands-on experience with the latest Microsoft Technologies including Microsoft Azure Service Bus & Logic Apps, Microsoft Azure IaaS, and other areas of the Microsoft Azure stack. Experience working at over 23 different BizTalk enterprise clients. Proven initiator, published author, conference presenter, problem solver, and troubleshooter with a flair for identifying, taking ownership of, and solving complex problems. Always ready for a challenge!

TECHNICAL SKILLS

CERTIFICATIONS: Microsoft Certified Professional (MCP) in Designing and Implementing Solutions with Microsoft BizTalk Server, Microsoft Certified Application Developer (MCAD), Microsoft Certified Solution Developer (MCS.D.NET), Developing E-Business Solutions Using Microsoft BizTalk Server 2004

AWARDS AND PUBLICATIONS

AWARDS 11 Year Microsoft Most Valuable Professional in BizTalk Server (2004 to 2015)
Microsoft Azure Insider 2013 to 2015
Microsoft Connection System Developer Competition Winner – Best BizTalk SDK

PUBLICATIONS Debatching Options and Performance Considerations in BizTalk 2004 (12/04)
Microsoft White Paper: Convoy Deep Dive and Sample Walkthrough (4/05)
Technical Reviewer: *BizTalk 2006 Recipes* - APress (11/06)
Author: *Applied Architecture Patterns on the Microsoft Platform* – Packt (9/10)
Technical Reviewer: *BizTalk 2010 Line of Business Systems* - Packt (7/11)
Author: *What's New in BizTalk Server 2013* – Pluralsight (9/13)
Author: *Intro to BizTalk Server 2013 ESB Toolkit* – Pluralsight (5/14)
Author: *Traveling and Loyalty Programs Best Practices* – Pluralsight (7/15)

COMMUNITY Website and Blog: <http://www.biztalkgurus.com>
London BizTalk Summit 2015 - Integration Challenges Seen in the Past 14 Years
London BizTalk Summit 2014 - BizTalk 2013 and Window Azure IaaS
Tech Ed 2013 US & Europe – BizTalk 2013 and Window Azure IaaS
Tech Ed 2005 Orlando - Instructor Led Lab Presenter
Tech Ed 2007 Orlando – Breakout Talk on BizTalk Advanced Concepts Presenter
SOA Conference Redmond 2007 – Breakout Talk on BizTalk Advanced Concepts
Sweden User Group 2009 – Windows Application Server Overview Presenter
SOA Conference Redmond 2009 – Breakout Talk on Dublin and Custom Tracking
European BizTalk Conference 2010 – AppFabric and Service Bus Presentation

PROFESSIONAL EXPERIENCE

Kendall Technologies, Inc – Various Locations (Owner) Integration Architect

04/2005 - Present

Architect, developer, and owner of a single person consulting company focusing solely on Microsoft Integration Technologies. Worked primarily through other well-known consulting companies for various clients throughout the world with experience working in the US, Canada, and India.

Note: Projects less than 3 weeks are omitted.

Project: Allscripts – Raleigh, NC

05/2014 – 06/2015

Role: Overall Solution Architect, Developer (through CCI Tec)

- Review existing BizTalk 2009 solution using HL7
- Architected a replacement for an existing HL7 based BizTalk solution using the ESB toolkit
- Designed and build numerous ESB Itineraries and custom components
- Built a BizTalk Deployment Framework based build and deployment processes
- Designed an Azure based solution using Web APIs, SQL Azure, and Service Bus
- Assisted in production support issues
- Led a team for 5 developers

Project: Home Instead – Omaha, NE

10/2013 – 02/2014

Role: Developer (through CCI Tec)

- Worked under another BizTalk Architect on an ESB-based solution
- Built and delivered 5 interfaces using the ESB Toolkit
- Designed a solution using Azure Service Bus Queues to persist data
- Mentored team members on the BizTalk ESB Toolkit and Azure

Project: State of Louisiana – Chicago, IL

08/2013 – 10/2013

Role: Solution Architect, Developer (through Redmane)

- Sole BizTalk resources responsible for design and build of the solution
- Built a system for state integration with national health care services based on Obama Care
- Build a custom WCF Behavior for integration with a Java-based service
- Guided the installation of BizTalk 360 for production monitoring
- Trained resources for ongoing support and operations

Project: PVH – Bridgewater, NJ

03/2013 – 07/2013

Role: Solution Architect, Mentor (through VNB Consulting)

- Provided Architectural guidance on existing BizTalk solution
- Assisted in designing and building new processes using the Oracle Adapter
- Build a new build and deployment process using SSO to meet complex client requirements
- Mentored and trained 7 other team members

Project: Blue Cross Blue Shield of Louisiana – Baton Rouge, LA

04/2011 – 11/2012

Role: Overall Solution Architect, Developer (through CCI Tec)

- Architect for a HIPAA 4010 to 5010 conversion for 835 and 837 transitions
- Responsible for BizTalk, Reports, SSIS, and ASP front end solutions
- Setup continuous integration and automated builds for the BizTalk solution inside TFS
- Designed and built the 835 BizTalk process to send payment notifications
- Architected the 837 claims process using BizTalk
- Built a BizTalk-based global exception handling process
- Led and mentored 22 other team members

Project: Proctor and Gamble – Chicago, IL 02/2010 – 03/2011

Role: BizTalk Architect, Developer, Team Lead (through Accenture/Avanade)

- Responsible for sending customer data from Commerce Server to 3rd party systems
- Architected and built a scalable, reusable BizTalk based batch messaging solution
- Led a team of 3 developers working long hours and weekends to meet a tight deadline
- Transitioned skills and knowledge to IDC resources both onshore and in-person in India

Project: Best Buy – Minneapolis, MN 05/2007 – 01/2010

Role: BizTalk Architect, Developer, Functional SME (through Accenture/Avanade)

- Lead integration resource on one of the largest Commerce Server 2007 implementations in the world
- Responsible for Order Submission to the backend, Email Communication, and all inbound Catalog and Inventory feeds
- Supported the BestBuy.com website team during the peak Thanksgiving holiday season
- Transitioned skills and knowledge to IDC resources both onshore and in-person in India

Project: Shell – Houston, TX 10/2006 – 05/2007

Role: BizTalk Architect and Team Lead (through Accenture/Avanade)

- Managed a team of six resources to deliver a new vendor portal to submit invoices to SAP
- Architected a solution going from web to SAP including complex schema validation with end-user notification

Project: Pacific Life Insurance – Newport Beach, CA 01/2006 – 09/2006

Role: BizTalk Architect and Developer (through Accenture/Avanade)

- Built a web-based .net solution using BizTalk Business Rules Engine to ensure filing compliance, saving the client thousands in fines
- Processed flat file financial market data using BizTalk to control business logic, ensuring client quotes were using the latest pricing data

Project: NewGen Results – San Diego, CA 10/2005 – 12/2005

Role: BizTalk Architect (through Accenture/Avanade)

- Scaled BizTalk 2006 to process nearly 1,400 messages per second for one hour, proving the messaging required for the POC can be met using BizTalk

Project: Akamai – Cambridge, MA 04/2005 – 09/2005

Role: BizTalk Architect and Developer (through Accenture/Avanade)

- Integrated bidirectional data flow between an onsite Siebel system and Siebel On-Demand, allowing for near real-time data synchronization between distributed systems

Hartford Insurance Group – Hartford, CT (Contractor) 06/2004 – 04/2005
Integration Architect / BizTalk Developer

Senior Developer and Integration Architect working on a multi-million dollar, 150+ interface integration project with over 10 additional BizTalk Developers. Integrated client systems with Accenture's SOURCE Claims Management System. Lead Inbound and Outbound message processing including real-time, batching, debatching, and large message strategies.

- Conducted two custom designed training classes, improving team performance and skills
- Led debugging efforts on BizTalk code, ensuring code meets the functional requirements and project standards
- Provide one-on-one team mentoring and transition, ensuring knowledge transfer

Auxis, Inc. – Miami, FL (Contractor)
Integration Architect**04/2004 – 06/2004**

Sole developer responsible for the Architecture, Design, and Build of a BizTalk 2004 integration solution providing near real-time data synchronization between Motek's Priya Warehouse Management System and Microsoft Business Solution's (MBS) Great Plains 8.

- Conducted team meetings to discuss functional and technical issues, addressing complex problems before they became a project setback
- Completed Conceptual, Physical, and Logical designs ahead of schedule in accordance to the Microsoft Solution Framework (MSF), ensuring a complete design process

Avanade, Inc. – Irving, TX
Senior Solution Developer**06/2003 – 04/2004**

Designed and built a new communication system for use in a large C# windows application using Microsoft BizTalk Server 2004. Designed and developed complex C# web services and Service Agents for use in the windows application.

- Company level participant in the Early Adapter Program (EAP) for BizTalk 2004 and attended weekly conference calls with Microsoft's development team, always on top of program changes
- Trained team members and client personnel on BizTalk 2004

Verizon – Tampa, FL (Contractor)
BizTalk Consultant**01/2003 – 04/2003**

Supported a large direct debit payment system using Microsoft BizTalk Server 2002 to replace the current vendor supplied product. Supported large flat-file document definitions, debugged and tested complex maps, and set up a BizTalk Server group for increased performance.

- Provided 24x7 support when needed, allowing for maximum system up time
- Designed a migration plan with easy step-by-step instructions, streamlining the migration process into different environments

KSolutions – Irving, TX (Contractor)
BizTalk Consultant**11/2002 – 01/2003**

Designed an effective and efficient BizTalk solution for a business intelligence project. Supported the team as the sole BizTalk Analyst and Developer.

- Designed SQL Server to SQL Server and Excel to SQL Server integration with 50 document definitions, providing near real-time data flow
- Provided training to team members about BizTalk and support for the current process, increasing team skills

Accenture – Resources Market Unit, Irving, TX
Technical Architecture Consultant**08/2000 – 10/2002**

Acquired new skills quickly to become the go-to developer on several projects. Operated as the lead technical resource on 3 projects. Designed and developed effective technical solutions to client specifications.

- Achieved a consistent firm-wide outstanding performance rating
- Designed and developed an internal web site using ASP and VB Script, saving the client over \$40,000 by completing the project one month early

Lightning Collectibles, Texarkana, TX (Owner)
Owner and Developer**05/1991 – 08/2000**

Started new retail business in 1991. Deployed the business to the web in 1996. Designed and developed all HTML content and integrated state-of-the-art shopping cart system with real-time credit card processing.

- Grew the business to achieve a 750% revenue growth in 1999 with sales of \$350,000
- Sold business in 2000 to a competitor

**International Paper, Texarkana, TX
Process Engineer**

06/1998 – 05/1999

Monitored pulp quality to ensure in-specification end product. Worked extensively on resolving quality issues including print mottle, the largest customer complaint.

EDUCATION

**B.S.E., Chemical Engineering
The University of Iowa, Iowa City, IA**

05/1998

**Technical Entrepreneurial Certificate
The University of Iowa, Iowa City, IA**

05/1998

Skills Breakdown

Skill	Experience Level (1-5)	Experience	Last Utilized
Cloud Development			
Windows Azure Infrastructure as a Service (IaaS)	4	3 years	Recently
Windows Azure Service Bus	3	4 years	Recently
Windows Azure Compute	3	2 years	Recently
Windows Azure Web API and Logic Apps	3	1 years	Recently
Windows Azure Power Shell Administration	3	4 years	Recently
REST API Management	2	1 years	Recently
Office 365	1	1 years	Recently
Microsoft Development			
Visual Studios	3	13 years	Recently
TFS Build and Deployment	4	8 years	Recently
.NET Development in C#	3	12 years	Recently
WCF	3	10 years	Recently
WF	2	2 years	3 Years
Commerce Server	3	3 years	> 5 years
BizTalk Server 2000 – 2013 R2	5	14 years	Recently
BizTalk ESB Toolkit	5	3 years	Recently
BizTalk Rules Engine	5	14 years	Recently
BizTalk BAM	4	10 years	Recently
BizTalk 360	3	3 years	1 Year
SQL Server Deployment and Infrastructure	2	12 years	Recently
SQL Server Custom Code and Stored Procedures	3	10 years	Recently
Web Development – HTML, ASP, ASP.NET	2	15 years	> 5 years
SharePoint Development	2	2 years	> 5 years
Standards			
HIPPA 4010 to 5010 Conversion	3	2 years	3 Years
HIPPA 5010 Transactions 835, 827, 270, 271	2	2 years	3 Years
HL7	2	1 year	Recently
Obama Care National Web Service Integration	3	1 year	1 Year
Soft Skills			
Overall IT consulting experience	4	15 years	Recently
Running team meetings	4	10 years	Recently
Running architecture review meetings	4	8 years	Recently
Team mentoring and training on Microsoft based technologies	5	14 years	Recently
Large group presentation to 100+ attendees	5	9 years	Recently
Community support and blogging	5	14 years	Recently