

STEPHEN W. THOMAS

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SUMMARY

Dedicated, detail-oriented IT Professional with 20 years of experience analyzing, designing and developing integration solutions. Over 18 years of consulting experience including positions with Accenture and Avanade. Over 17 years of working knowledge with Microsoft BizTalk Server working on Enterprise Integration. A 14 year Microsoft Most Valuable Professional (MVP) in BizTalk Server / Azure Integration. Hands-on experience with the latest Microsoft Technologies including BizTalk 2016, Azure Service Bus & Logic Apps, and Azure Infrastructure as a Service (IaaS). Experience working at over 35 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!

AWARDS AND PUBLICATIONS

AWARDS

13 Year Microsoft Most Valuable Professional in BizTalk Server (2005 to Present)
Microsoft Azure Insider 2013 to 2016
Microsoft Connection System Developer Competition Winner – Best BizTalk SDK

PUBLICATIONS

Website and Blog: <http://www.BizTalkGurus.com>
Author: *Azure Logic Apps: Getting Started* – Pluralsight (11/17)
Author: *BizTalk Server Administration with BizTalk360* – Pluralsight (5/17)
Author: *Intro to BizTalk Server 2013 ESB Toolkit* – Pluralsight (5/14)
Author: *What's New in BizTalk Server 2013* – Pluralsight (9/13)
Technical Reviewer: *BizTalk 2010 Line of Business Systems* - Packt (7/11)
Author: *Applied Architecture Patterns on the Microsoft Platform* – Packt (9/10)
Technical Reviewer: *BizTalk 2006 Recipes* - APress (11/06)
Microsoft White Paper: *Convoy Deep Dive and Sample Walkthrough* (4/05)
Debating Options and Performance Considerations in BizTalk 2004 (12/04)

PRESENTATIONS

Charlotte Integration Bootcamp 2017 – Getting Started with Logic Apps Lab
Seattle Integrate 2017 - Overcoming Challenges Taking Logic Apps to Production
Middleware Friday – Austin City Limits with Stephen W Thomas
London Integrate 2017 - Overcoming Challenges Taking Logic Apps to Production
Global Azure Integration Bootcamp 2017 - Azure Functions & Logic Apps
London Integrate 2016 - Azure IaaS Essentials for the BizTalk Developer
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
European BizTalk Conference 2010 – AppFabric and Service Bus Presentation Tech
Sweden User Group 2009 – Windows Application Server Overview Presenter
SOA Conference Redmond 2009 – Breakout Talk on Dublin and Custom Tracking
Tech Ed 2007 Orlando – Breakout Talk on BizTalk Advanced Concepts Presenter
SOA Conference Redmond 2007 – Breakout Talk on BizTalk Advanced Concepts
Tech Ed 2005 Orlando - Instructor Led Lab Presenter on BizTalk Server

PROFESSIONAL EXPERIENCE

Kendall Technologies, Inc – Various Locations (Owner) 04/2005 - Present
Integration Architect & Developer

Architect, developer, and owner of a single person consulting company focusing solely on Microsoft Integration Technologies covering both on-prem and cloud based solutions. Working primarily with other well-known consulting companies in the US, Canada, and India.

Note: Projects less than 4 weeks are omitted.

Project: University Federal Credit Union – Austin, TX 05/2017 – 01/2018

Role: Integration Architect, BizTalk Developer (Direct to Client)

- Completed architecture review of new BizTalk 2016 Environment
- Reviewed existing 2010 solution and planned migration strategy
- Designed and built a new solution for in-order contact update across multiple systems
- Presented demo of Azure Logic Apps to 10+ resources
- Planned clients next steps for getting started with Microsoft Azure

Project: Stratosphere Quality – Indianapolis, IN 11/2016 – 04/2017

Role: Azure Architect, EDI Developer, Logic Apps Designer (Direct to Client)

- Reviewed EDI files needed for integration with an Auto Company
- Architected an Azure based solution using Logic Apps and Integration Accounts
- Created numerous EDI and Flat File transactions for vendor payment
- Built a PowerShell based deployment process for the Logic App solution
- Set up monitoring of deployed Logic Apps to ensure smooth operation in Production

Project: Allscripts – Raleigh, NC 05/2014 – 10/2016

Role: Overall Solution Architect, Developer (through 3rd Party)

- Reviewed existing BizTalk 2009 ESB solution using HL7
- Architected a replacement BizTalk 2013 solution
- Architected a new solution for State and National Registry integration using BizTalk 2013 R2
- Designed and built numerous ESB Itineraries and custom components
- Worked on a solution for National Institute of Technology (NIST) certification with the Centers of Disease Control (CDC)
- 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 3rd Party)

- 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 (Direct to Client)

- 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 3rd Party)

- 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 3rd Party)

- 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
- 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)

04/2004 – 06/2004

Integration Architect

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

06/2003 – 04/2004

Senior Solution Developer

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)

01/2003 – 04/2003

BizTalk Consultant

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)

11/2002 – 01/2003

BizTalk Consultant

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			
Microsoft Azure Infrastructure as a Service (IaaS)	3	5 years	Recently
Microsoft Azure Service Bus	3	4 years	Recently
Microsoft Azure Compute	3	2 years	1 Year
Microsoft Azure Logic Apps	5	2 years	Recently
Microsoft Azure Web API	2	1 years	1 Year
Microsoft Azure Power Shell Administration	3	4 years	Recently
REST API Management	2	1 years	1 Year
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 – 2016	5	15 years	Recently
BizTalk ESB Toolkit	5	3 years	Recently
BizTalk Rules Engine	5	14 years	1 Year
BizTalk BAM	3	10 years	1 Year
BizTalk 360	3	4 years	Recently
SQL Server Deployment and Infrastructure	2	12 years	Recently
SQL Server Custom Code and Stored Procedures	2	10 years	Recently
Web Development – HTML, ASP, ASP.NET	1	15 years	> 5 years
SharePoint Development	1	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	2 years	1 Year
Obama Care National Web Service Integration	3	1 year	3 Years
EDI in Azure	2	1 year	Recently
Soft Skills			
Overall IT consulting experience	4	20 years	Recently
Running team meetings	4	15 years	Recently
Running architecture review meetings	4	15 years	Recently
Team mentoring and training on Microsoft based technologies	5	15 years	Recently
Large group presentation to 100+ attendees	5	12 years	Recently
Community support and blogging	5	16 years	Recently