

# STEPHEN W. THOMAS

Austin, TX

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## SUMMARY

I am an experienced, hands-on technology leader with over 21 years of proven success at architecting and delivering complex, mission-critical integration solutions. I have current hands-on experience with the latest Microsoft Azure Technologies including Service Bus, Logic Apps, Functions, and DevOps. I am a proven initiator, published author, conference presenter, trainer, mentor, and troubleshooter with a flair for identifying, taking ownership of, and solving complex problems. I am always ready for a challenge!

## AWARDS AND SKILLS

**AWARDS** 16 Year Microsoft Most Valuable Professional in BizTalk/Azure/Logic Apps

**CORE SKILLS** Microsoft BizTalk Server (21 years)  
Architecting Hybrid Integration Solutions (5 years)  
Azure Logic Apps (5 years)  
Azure Service Bus (5 years)  
Azure Functions (basic)  
Azure DevOps (basic)

## PROFESSIONAL EXPERIENCE

**Pluralsight (Author) 02/2013 - Present**

**Azure Integration and Messaging Author**

Designed, created, and delivered eight courses covering Azure Logic Apps, Azure Messaging, and BizTalk Server.

**Kendall Technologies, Inc – Various Locations (Owner) 04/2005 - Present**

**Azure Solution Architect & Developer**

Cloud Architect, developer, and owner of a single person consulting company focusing solely on Microsoft Integration Technologies covering both on-prem and cloud based solutions.

*Note: Shorter Projects have been omitted.*

**Project: Clark County District Attorney – Las Vegas, NV 01/2019 – 02/2021**

**Role: Integration Architect, BizTalk Developer (through 3rd Party)**

- Designed and built an integration solution to JustWare (Legal Case Management System)
- Completed eight separate integration end-points
- Setup BizTalk360 to ensure complete system and business process monitoring
- Completed an upgrade from BizTalk 2016 to BizTalk 2020
- Worked with and mentored team members on BizTalk and integration basics

**Project: QuickLearn Training – Seattle, WA 03/2018 – 07/2018**

**Role: Trainer (Direct to Client)**

- Contract trainer for BizTalk and Azure courses
- Presented world-wide in person and remote courses
- Mentored and assisted students even after the courses were complete

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
- Designed and built a new solution for in-order contact update across multiple systems
- Presented demo of Azure Logic Apps
- Led a working session on Enterprise-wide Azure strategy
- 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)

- Architected an Azure based solution using Logic Apps and Integration Accounts
- Reviewed EDI files needed for integration with an Auto Company
- 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)

- Designed an Azure based solution using Web APIs, SQL Azure, and Service Bus
- Reviewed existing BizTalk 2009 ESB solution using HL7
- Designed and built numerous ESB Itineraries and custom components
- Led a team of 5 developers

Project: Home Instead – Omaha, NE 10/2013 – 02/2014

Role: Developer (through 3rd Party)

- 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
- Designed a solution for integration with national health services based on the Affordable Care Act
- 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 3<sup>rd</sup> 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.

**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.

**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.

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

Supported a large direct debit payment system using BizTalk Server to replace the current vendor supplied product. Supported large flat-file document definitions, debugged and tested complex maps.

**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.

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

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.

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

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.

**International Paper, Texarkana, TX 06/1998 – 05/1999**  
**Process Engineer**

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 05/1998**  
**The University of Iowa, Iowa City, IA**

**Technical Entrepreneurial Certificate 05/1998**  
**The University of Iowa, Iowa City, IA**

## AWARDS AND PUBLICATIONS

### AWARDS

16 Year Microsoft Most Valuable Professional in BizTalk/Azure/Logic Apps  
Microsoft Connection System Developer Competition Winner – Best BizTalk SDK

### PUBLICATIONS

Training: *Azure Developer: Enterprise Messaging and Eventing* – Pluralsight (2/20)  
Training: *Azure Developer: Creating Enterprise Logic Apps* – Pluralsight (2/20)  
Training: *Azure Logic Apps: Fundamentals* – Pluralsight (4/18)  
Training: *Azure Logic Apps: Getting Started* – Pluralsight (11/17)  
Training: *BizTalk Server Administration with BizTalk360* – Pluralsight (5/17)  
Training: *Intro to BizTalk Server 2013 ESB Toolkit* – Pluralsight (5/14)  
Training: *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)  
*Debatching Options and Performance Considerations in BizTalk 2004* (12/04)

### PRESENTATIONS

Integrate 2020 - Solving Today's Integration Problems with Microsoft Integration  
Integrate 2019 - Supercharging BizTalk Server using Azure Integrations Technology  
London Integrate 2018 - Using BizTalk Server as your Foundation to the Clouds  
Global Azure Bootcamp 2018 - Azure Functions, Storage, & Logic Apps  
Global Azure Integration Bootcamp 2018 - Azure Functions, Storage, & Logic Apps  
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