Prabhakar Konthum

**CAREER SUMMARY:**

* Over 8+ years of total IT experience involving in system design, Database Application Development, EnterpriseApplication Integration (EAI) using BizTalk Server 2013/2010/2009/2006,SQL Server 2012/2008/2005/2000, Visual Studio 2005/2008/2010/2012.
* .NET framework environment,WCF, Web services and ANSI ASC X12 documents inbound and outbound.
* Experienced in using SOA as BizTalk integration tool, system integrations such as legacy systems, SAP, web, WCF services and EDI.
* Hands-on experience in Installation, Configuration, Migration, Designing, Administering and Managing BizTalk Server 2010. Worked extensively on FTP, FILE, SMTP, SQL and SOAP Adapters.
* Experienced in working with BizTalk server as an integration tool with excellent knowledge with schemas, maps, pipelines, custom pipeline components, orchestrations and business rules.
* Comprehensive understanding on developing Complex Orchestrations, Implementing Error Handling, Compensation and Failed Message Routing
* Involved in design, development and testing of integration interfaces with different top of the line BizTalk technologies like Enterprise Service Bus utilizing ESB Toolkit 2.1/2.0, different BizTalk adapters, also proficient in Enterprise Application Integration (EAI) solutions, and in B2B solutions between trading partners using the HIPAA standards.
* Experienced in developing SQL through various procedures, functions and packages to implement the business logics of database.
* Ability to work autonomously and with minimal direction, taking concept to analysis through design, development and deployment.
* Experienced in implementing Visual Studio 2012/2010/2008 database edition and integrated it into the build and deployment process.
* Good Knowledge in BizTalk Consulting in Healthcare domain including HL7
* Good knowledge on understanding of Windows Azure
* Demonstrated and have the ability to successfully resolve technical and design problems, experienced in Object Oriented Programming and design.
* Excellent Communication skills and ability to work in a team environment, Quick learner and adaptive to new and challenging technological environments.

**TECHNICAL SKILLS**

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| --- | --- |
| EAI and B2B Integration Tools | BizTalk Server 2013/2010/ 2009/2006R2 |
| Databases | SQL SERVER 2012,2010,2008R2/2008/2005 |
| BizTalk Tools | BAM, BRE,TPE |
| BizTalk Adapters | HTTP, FILE, SOAP, SQL, WCF, FTP, SMTP, POP3, EDI, MQSeries, WSS, SAP, Swift Accelerator 2.0/2.3, HIPAA\_EDI Accelerator 3.3/3.0 |
| EDI and HIPAA Transactions | 850,834,835 837 |
| Tools | Visual Studio, SQL Server , ESB , TFS |
| Data Formats | FLAT FILE, EDI-ANSI ASC X12, HIPAA v4010/5010, CSV, XML, HL7 |
| Programming Languages | VB.Net, VISUAL BASIC, JavaScript, Java, SQL, C++, C#, HTML, CSS, PHP, HTML5 Python, XML (XPATH,XSD, XSLT ) |
| Protocols | HTTP, FTP, SMTP, SOAP, POP3,TCP/IP, Subnet, Configuring Network, Router Configuration and Local Area Network(LAN) |
| Operating Systems | Windows 8, Windows 7, Windows Server 2008/2003/ Vista/ XP Pro /NT4.0/ UNIX/ MS-DOS, Mac OS, Linux, Android OS |

**Education:**

### Bachelor of Engineering at Jawaharlal Nehru Technological University Hyderabad, India

**PROFESSIONAL EXPERIENCE:**

**Spectra Force, Raleigh, NC March 2015 – Current**

**Role: Sr. BizTalk Consultant**

**Description:**

**Spectra force** offers a powerful suite of consulting and outsourcing solutions in Information Technology, Clinical, Technical, Pharmaceutical and Engineering domains. We enable companies to focus on their core competencies and we handle the integral details of building infrastructure, thus guaranteeing quality delivery. Spectra Force Resources primary day-to-day responsibility is to ensure that the Custom Application Development, Mobility, Maintenance and Production Support, Legacy Modernization, Application Testing services and Enterprise Applications Solutions that support the business of City government are continuously available and operating effectively as allows our clients to deal with a single company with central governance for all of their needs whether they are completely local or multinational

.In doing all this process BizTalk 2010 applications were migrated to BizTalk 2013 successfully in the development, tested in QA and deployed in production.

**Responsibilities:**

* Installation and Configuration of BizTalk 2013, SQLServer2012 and Visual Studio 2012on Windows 7.
* Up-gradation of BizTalk 2010 to BizTalk2013 and artifacts migration of BizTalk2010 to BizTalk2013 environment.
* Deploying different applications from different services with help of Biztalk2013 Server .
* Created different interfaces between legacy systems and other Applications using BizTalkServer2013.
* Implemented Business Rules in BizTalk Application using Business Rules Engine (BRE).
* Involved in the system design, development and testing.
* Production Support for all BizTalk solution is provided 24X7.
* Used Design Patterns such as Aggregators, Convoys to assemble multiple XML messages into one Outgoing message.
* Used Direct Bound Port.
* Created different custom .Net components to be used and called in BizTalk maps, BizTalk business rules and BizTalk orchestration.
* Use various WCF adapters in BizTalk integration.
* Designed SQL Tables and created stored procedures.
* Creation of user manual and supported documents for the production and maintenance.

**Environment:** BizTalkServer2013, MSMQT, C#, Site Scope, SQLServer2012 and Visual Studio2012.

**Motorola Solutions, Schaumburg, IL            September 2014 - February 2015**

**Role: Sr. BizTalk Consultant**

**Description**: BizTalk Consultant role within the HIPPA Integration team. The overall objective was to establish a BizTalk Server 2012 R2 includes advancements in device management, data filtering and business rules, electronic data interchange (EDI), and interoperability with line‐of‐business adapters for a wide variety of industries.This project involved in The BizTalk RFID Mobile platform to enhance the capabilities of Microsoft’s currently available BizTalk Server 2012 R2, their core service‐oriented architecture (SOA) and business process management (BPM) technology, which has been available for use with Motorola’s XR Series Fixed RFID Readers

**Responsibilities:**

* Installed and Configured **BizTalk Server** 2012, Visual Studio 2012 and **SQL Server** 2012 in multi cluster Environment.
* From the scratch developed the FSD and TSD - Functional Specification Documents and Technical Specification Documents for Long Running Transactions of **BizTalk Server** 2012.
* Implemented Proof of Concept (POC) for ensuring the integration with **SQL Server** and **SAP** from **BizTalk** through **web services**.
* Installed and configured BizTalk **SAP** Adapter for communicating with **SAP**.
* Created receive ports and send ports for fetching files from **SAP** and also to Transmit files to **SAP**.
* Configured FILE, SOAP and HTTP adapters to resolve protocols with different systems.
* The development team involved 10 members. Worked in discovery, functional & technical design, build, system & integration testing and **deployment** phases.
* Provided 24X 7 Production **Support** for all **BizTalk**.
* Consumed External **Web services** and implemented Robust Error Handling and Compensation Logic.
* Extensively used Event Viewer to detect and solve the error messages and issues underlying it.
* Created Multiple Host & Host instances and configured Adapter handlers in clustered **BizTalk Server** Production environment.
* Used HAT and Administrator Console to monitor the flow of messages in the **BizTalk** process.

Documented my entire work to facilitate the knowledge transfer process to the clients

**Environment: BizTalk Server** 2013, Visual Studio2012, **C#**, MS **SQL Server** 2012, Microsoft Office Share Point Portal **Server** 2010.

**Employee Health Systems, El Monte, CA                            November 2013 –July 2014**

**Role: BizTalk Consultant**

**Description**: BizTalk Developer role within the HIPPA Integration team. The overall objective was to establish a BizTalk-based system for processing medical claim documents received in various formats including scanned documents and subsequently convert these files to XML.

**Responsibilities:**

* Installation and configuration of BizTalk 2009 along with HIPAA Accelerator for development & testing.
* Documentation of HIPAA 834, 837 P & I workflow process for knowledge transfer.
* Configuration of Parties, Roles, Pipelines and tracking the messages using Administration console.
* Testing and debugging of positional & delimited records for parsing.
* Analyzed the current system functionalities in the areas of HL7 2.5 message flow, and business process.
* Extensively design, develop, testing and deployment of complex maps, pipelines andorchestrations for processing HL7 messages
* Worked with .NET components and accessing them from BizTalk server.
* Creation of testing procedures and processing EDI Transactions 837.
* Inbound HIPAA 837 P & I Transactions mapping is being done using BizTalk.
* Involved in creation of Rules Based Engine to Post Process suspended claims.
* Workload efficiency should be achieved by using capabilities of BRE in BizTalk 2009.
* Creation and implementation of HTTP Receive, MSMQ Receive and File Receive functions using BizTalk Administration console.

**Environment:** BizTalk Server 2009, MSMQ, XML, C#, .NET, Visual SourceSafe, Visio, SQL Server 2008, IIS, UML

**Merck & Co Ltd. Lansdale, PA                                          September 2012 –July 2013**

**Role: BizTalk Consultant**

**Description:** Merck is one of top seven largest Pharmaceutical Companies in the world. Merck discovers, develops, manufactures and markets a broad range of innovative products to improve human and animal health, directly and through its joint ventures. Merck was involved with the BizTalk Integration along with legacy systems and interfacing with their customers. This project involved in transactions sending and receiving from their customers.

**Responsibilities:**

* Installation and Configuration of BizTalk Server 2009, SQLServer2008 and also Visual Studio 2005.
* Involved in documenting Application Specific Document (ASD) from the analyst provided process of business.
* Setup the Trading Partner profiles and implementing Document definitions and Organization parameters.
* Configured and Handled Trading’ partner agreements.
* Worked on different BizTalk Adapters like People Soft, Siebel and SQL.
* Extracted data from systems by implementing Host Integration Server DB2 adapter.
* Created a DLL to create guide for unique incoming messages and stored them in SQL database before passing to client, using C# and Stored procedures.
* Created MSIs and scripts for deploying the Applications in targeted environments.
* Worked on Convoys, mapping multiple source and target schemas with functoids, Solicit-Response port with multipart messages.
* Used the SQL Profiler to trace the Database operations.
* Configured BizTalk HTTP adapter to receive files from HTTP post.
* Monitor system performance using BAM and HAT (Health Activity Tracking).

**Environment:** BizTalk Server 2009, SQLServer2008, Visual Studio 2005, .Net Framework 2.0 and Microsoft Office 2003

**The Axean Group, Pleasanton, CA November 2010 – August 2012**

**Role: BizTalk Consultant**

**Description:**The Axean Group is a leading Global Technology Consulting Company that specializes in Project Management and Support. Project initiatives were focused in developing schemas for ANSI ASC X12 Transactions, Flat files using BizTalk 2006 R2, Billing Server Service using VB.Net and Implementing HIPAA 3.3 for processing of 834, 837 transactions. Involved in integration of Data from disparate sources and manage the flow of documentation to and from clients, using BizTalk 2006 R2.

**Responsibilities:**

* Installation and Configuration of BizTalk2006R2, SQLServer2005, HIPAA 3.3.
* Modification of existing schemas based on implementation guide for 834, 835 and 837.
* Part of workflow for 837 Dental encounter processes team which is designed.
* Production of X12 (EDI files) from XML files through HIPAA Accelerator 3.3 is being designed and developed using BizTalk components.
* Creation and implementation of XML-based forms using InfoPath to gather and share information.
* EDI schemas are translated effectively to IDOC formats and sent to SAP Systems.
* Large file handling performed using the custom pre-processor.
* Enabled a business process which is not precisely structured and highly iterative using Correlation.

**Environment:**BizTalk 2006 R2, Share Point Services, ASP.Net, VB.Net, .Net 2.0, HIPAA 3.3 and SQL Server 2005

**Computer Enterprises, Inc. (CEI) - Willingboro, NJ** **December 2009 –October 2010**

**Role: .Net developer**

**Description:** CEI's mission is to be known and trusted by many customers to deliver top quality IT staff supplementation and technology services. In this Develop technical solutions and software in support of Radwell International, by using standard Radwell software development practices . Including but not limited to pair programming, SCRUM, and other Agile SDLC practices to further the team’s goal, of delivering measurable increments of value to the system during each month

**Responsibilities:**

* Responsible for requirement gathering and preparing the Requirement Specification Document.
* Developed design documents using Object Oriented Methods & involved in complete life cycle of development using Agile methodology.
* Created rich, easy-to-use Views, Partial Views using Scaffolding Templates and Razor View Engine using MVC.
* Designed business applications using web technologies like HTML, DHTML, XHTML, XSL, JQuery, XSLT and CSS.
* Developed solutions for diverse programming scenarios in C#.Net, employing Object Oriented Programming (OOPS) concepts such as Encapsulation, Inheritance, Polymorphism, and Abstraction.
* Customized .Net Login Controls to implement Authentication and authorization.
* Designed WCF model for building secured and reliable web services for accessing the data across the real time interfaces.
* Generated the Entity Data model (.EDMX) and associating the POCO entity Objects with Entity Framework
* Wrote SQL Queries, Stored procedures, Joins, Triggers to process large collection of products and used Data Reader, Data Adapter, SQL Command and Dataset for retrieving data from database using SQL2012.
* Extensively used collections, interfaces, abstract classes to implement the project and also worked with the Exception Handling.
* Used Ajax Controls like Script Manager which manages the client side script of Ajax and Update Panel which enables sections of a page to be partially rendered without a post back.
* Designed and developed parameterized reports, linked reports, matrix and tabular reports with drill down, drill through and drop down menu option using SSRS.

**Environment:** Object Oriented Programming , .Net Login Controls ,Radwell software , HTML, DHTML, XHTML, XSL and SQL 2012

**Seniti Technologies, Hyderabad**   **May 2008 – October 2009**

**Role: BizTalk Consultant**

###### **Description:** Americold is a logistics company where we are implementing BizTalk Server for maintaining their business functionality which is communicating with many vendors throughout the world integrating with different vendors with middleware for processing Purchase Orders, Invoices and financial related transactions with banks for speedy processing. Here we were using xml mapping with each trading. These companies are devising new ways to identify, track, record, monitor, and analyze movement of goods and materials.

**Responsibilities:**

* Developing schemas for project needs.
* Worked with SOAP, WCF-SQL, SMTP, FTP and file adapters.
* Used Orchestrations for developing depth business requirement.
* Published Orchestration as WCF and implemented Message level certificates to that.
* Used WCF-SQL adapter for inserting or updating the state of data, inserting xml files.
* Deploying BizTalk applications in Development Environment and Production Environments.
* Involving in the writing logic with C# in Scripting functoid.
* Extensively used Shapes with Orchestrations for different operations.
* Viewing failed tracking data.
* Involving in theADMIN CONSOLE and GROUP HUB PAGE.
* Deploying the application in remote server and production server.
* Used Mapping.
* Used correlations and scope variables and web ports.
* Used dynamic and direct routing.

**Environment:** BizTalk Server 2006R2, Visual Studio2005, SQL server 2008 , Visual C#, ASP.NET, ADO.NET, XML, WCF, WSDL, IIS 6.0 and Windows server 2008.