**Pathakottu Nandini**

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### Summary Of Qualifications

**Over Six Years of experience** in the analysis, design, development, Client/Server and maintenance of **Sterling Gentran and EDIFECS EDI** Applications including analysis of trading partner requirements, systems analysis, logical and physical mapping, design, development, production support, testing, implementation, and documentation.

* Extensive experience in various Integration and Business Applications like **Logistics, Healthcare (HIPAA), Finance, and Banking.**
* Expertise in B2B standards, Implementation of Integrated EDI and XML applications and Enterprise Application Integration (EAI) for business processes across applications.
* B2B Integration using **Sterling Integrator 5.0/5.2, GIS, Gentran Server on Unix 5.1, 6.0 and Gentran Server** on Windows.
* Domain expertise experience in Retail, Manufacture, Health Care, Financial, Insurance, Logistic and Shipment.
* Involved in Mapping of EDI **ANSI X12 and HIPAA** transactions 270, 271, 276, 277, 300, 301, 315, 304, 310, 810, 820, 835, 837, 850, 855, 856, 860, 865, 997, 940 and 945.
* Strong experience/knowledge with **BizTalk Server**
* Excellent understanding of **Software Development Life Cycle (SDLC**)
* Experience in the **analysis, development, unit testing, trading partner testing** of EDI – Integration applications that involves the complete Software Development Life cycle from Analysis, Design, Testing & Implementation.
* Expertise in conducting **SIT and UAT** testing.
* Experience in design, development of internet/intranet sites using, **J2EE, JavaScript, HTML, Visual Basic environment**.
* Good knowledge of RDBMS (**Oracle 8i/9i/10g, MS SQL Server 2005**), **XML, XSLT**.
* Experienced in HIPAA (Health Insurance Portability and Accountability Act), Health Care industry providing Business Process Assessment, Requirements Gathering, Gap Analysis, Implementation and Testing.
* Experience in creating Inbound and Outbound mapping and Business Process using Graphics Process Modeler and **BPML** (Business Process Model language) for **EDI, ANSI X12, EDIFACT, HL7, VICS, UCC, Rosettanetand HIPPA Standards.**
* Develop loads, edits and maintains **TriZetto’s QNXT** application system configuration items (for Benefits, Contracts, Providers) in support of end to end business operations.
* Conversions to New ERP Systems with **Gap Analysis** for New systems and EDI Re-Certification testing.
* On Boarding of EDI Trading Partners, **24x7** Production support.
* Strong Knowledge of different communication protocol such as **AS2, HTTP, HTTPS, FTP, and IBM VAN.**
* Create EDI Export and Import processes and work with EDI Trading Partners, Payers or Vendors. Perform a range of telecommunications processes, including FTP, Dial-up, TCP/IP, Web transfers.
* Strong Experience with **SAP IDOCS, XML** and Internet based EDI.
* Extensive experience **in SQL\*PLUS, PL/SQL, SQL\*LOADER, Stored procedures, Functions, Triggers and packages**.
* Strong debugging and problem solving skills with excellent understanding of system development methodologies, techniques and tools.

### Technical Skills:

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| **EDI Standard** | EDI X12 (ANSI), EDIFACT,HIPAA, XML, XSLT, BPML, SAP IDOCS, SOAP, HL7, VICS, UCC, Rosettanet |
| **Transaction sets** | 835,837,210,211,214,270,271,273,276,277,278,310,315,834,810,820, 830, 832, 850, 846, 855,856,857,862,879,875, and 997 |
| **EDI Tools** | Sterling Integrator 5.0/5.2 (GIS 4.2/4/3), EDIFECS Specbuilder, Gentran on Unix 5.2,5.3,6.1,Biztalk Server, Share point, Sybase EC Map/EC Gateway, MFT (AFT, SFG), MQ Series. |
| **Programming Languages** | PL/SQL, SQL, Java, Java Script, XML, C, C++ |
| **RDBMS** | Oracle 8i/9i/10g/11i, MS SQL Server 2008/2010, DB2, MySQL, Toad |
| **Operating Systems** | Windows 2003/2000/NT, UNIX, LINUX |
| **Network Protocols** | FTP, HTTP, HTTPS, SFTP, SMTP, SNMP AS2, TCP/IP, Connect: Direct, HTTPS,VAN |
| **Other Tools** | PUTTY, WS FTP, UltraEdit, Telnet |
| **ERP** | SAP, Oracle Apps |

### Work Experience:

**Sc Johnson & Sons, Racine, Wisconsin 01/2016-till date**

**EDI Developer/Analyst**

**Responsibilities:**

* Created Mapping Instruction Documents from **GAP Analysis** from Application Layouts and EDI Implementation Guidelines.
* Configured **SAP Adapter, AS2 connectivity, SMTP adapter**.
* Worked on **Sterling File Gateway** Application for transferring files between partners using different protocols and file formats.
* Created Service configurations and created **Business Processes** using **BPML** to use those configurations in adapters.
* Created Business Processes using BPML with the help of Visio’s created for transferring Application layout file to Customer Specific file and send it to Customers and Vice Versa.
* Built Document extraction maps for positional files and configured Doc extract service for **XML** files for outbound flow.
* Created inbound and outbound Maps for transactions **850, 855,810, 845, 856, 860, 880, 844, 849, 852 and 830.**
* All data manipulation and management were done using simple Windows **SQL queries** and UltraEdit.
* Created **scripts** to automate the FTP process, handling of data discards, data errors, compliance errors etc.
* Assisted in testing by comparing the test file with the production file and with the SAP data for **856, 855,810, 832, 940 and 945 EDI files.**
* Involved in shipment of deliveries on **WMS**.
* Interacted with Customers and provided feedback to programming staff to resolve back-end issues for successful execution of project.
* Obtained mapping information from **SharePoint** to analyze mapping requirements for development.
* Set up various communications using Protocols **FTP, HTTP, SMTP andAS2** with trading partners.
* Created Code lists for various code conversions.
* Involved in **24/7**production support, trouble-shooting the day to day issues of the application.
* Analyzed business case scenario and applied trading partner rules for the transaction flows.
* Creation and execution of test data and test plans.
* Responsible in conducting **SIT** and **UAT** testing to perform data validations.

**Environment: SI 5.2.4, ANSI X12, FTP Sites, Microsoft Visual Studio**,**SQL Server 2008R2/2010, Sterling WAN’s, MS-Excel, SharePoint, Microsoft office, Ultra edit, and AS2.**

**AT&T, NJ 08/2014-01/2016EDI Developer**

**Responsibilities:**

* Setup trading partner relationships, worked on development, maintenance, production support and testing of X12 transactions **850, 856, 810, 855, 204, 210**, **990, 214, 315** etc.
* Responsible for obtaining new EDI accounts and maintaining the X12 trading relationship. Each account requires system support and maintenance.
* Created Trading Partner profiles and Management of Communities in **Sterling Integrator 5.0.**
* Creating the **Business Process Models** as per the business requirements Using **Graphical process modeler (GPM) and BPML**.
* Created new **Code lists** based on the customer requirements.
* Translated the data from **XML to ANSI X12** format and vice versa.
* Developed **Business Processes(BPML and GPM)** to handle transaction splitting/consolidation by shipment bill of lading number or purchase order number on ASNs and Order Confs.
* Developed Unix shell scripts to automate file discards due to data errors. Also, wrote notification mechanisms.
* Developed Unix based FTP routines to successfully deliver data to destinations providing Guaranteed Delivery Layer.
* Set up various communications using Protocols **FTP, HTTP, SMTP** and **AS2**.
* Sending an Acknowledgment **(EDI X12 997 Functional Acknowledgment)** to the trading partners.
* Created the **work flows** to accomplish the Business models in the Business Process Models using the **BPML** in GIS.
* Performed Functionality, Integration, Regression, Data Validation, and System testing using **Quick Test Professional** (QTP).
* Created Data driven tests and performed Data-Driven Testing, in QTP for testing multiple data.
* Developed **PL/SQL** scripts using Toad and **PL/SQL** Developer to create views, test results, validate dates and various transformation logic incorporated in the mappings
* Used **Testing utility in GIS** to complete unit testing and trading partner testing for compliance, validations, formatting etc.
* Established a connection to the database through QTP and ran queries to validate the data
* Responsible for error **troubleshooting** and resolution.
* Responsible for conducting Bug Review meetings for update on defects from development team and retesting of bug fix.
* Involved in migrating all the vendor’s information from Gentran Mainframes to GIS on Windows.
* Wrote Stored Procedures to eliminate redundant data when converted.
* Responsible for debugging and running Tests and analyzed Test Results.
* Reported and tracked defects using Clear Quest.

**Environment: Sterling Integrator 5.0/5.2, Sterling File Gateway 2.2QTP, GIS 4.3, BPML, GPM (Graphic Process Modeler), Oracle 11i, SQL,PL/SQL, UNIX, XML,Toad , Shell scripting.**

**Care Fusion – San Diego CA                        01/2014-08/2014**

**EDI Developer**

**Responsibilities:**

* Worked on EDI Implementation with new trading partners using **Gentran Server on Windows**
* Direct interface with trading partners in order to specify **E-Commerce** requirements
* Worked on Setting up new trading partner partnerships in the EDI systems including gateway server configuration, **AS2** and **FTP** connectivity, network and system security, trading partner requirements gathering, mapping, testing, implementation, initial production support, and documentation.
* Manage and support Client’s Electronic Commerce relationships with existing and new trading partners: Customers, transportation carriers, railroads and various third parties.
* Worked on Migrating Communication setups (AS2, FTP), Envelopes and Maps from **GIS 4.3** to **SI 5.1.**
* Developed several number of maps for different clients to translate from ANSI X12 to .csv, XML, SAP Idoc, Oracle Flat files and vice versa.
* Worked on **Sterling File Gateway Application** for transferring files between partners using different protocols and file formats.
* Outlined the Business Process flow of different Trading Partners in **Visio**
* Migrated Trading partners from Gentran Server (GIS 4.3) to Sterling Integrator 5.1.
* Proficient in using data translation tools GIS 4.3 Version and GIS 5.1 for Windows.
* Responsible for the complete design, development and Implementation of **850, 846, 204, 990, 214, 210, 997, 940, 810, 820, and 856** transaction sets.
* Proficient in creation, modifications, testing of envelopes, maps, business process, service/adapters and AS2/FTP communications.
* Wrote various **SQL Queries**, **PL SQL Procedures.**
* Worked on 3020, 3030, 3040, 3050, 4010, 4030 and 5010 X12 Conversions.
* Experience with EDI concepts, standards, architectures (ANSI ASC X12, UN/EDIFACT) and Value-added Networks (VAN).
* Knowledge on iSeries **AS/400** Application for setting up TP codes, business rules, checking on orders, event status and Invoices relating Transportation mode.
* Converted **XSLT** maps to **XML** inbound files to **Rosettanet** standard files
* Experience with Microsoft Office Tools and iSeries Navigation concepts and green screen applications in the Transportation Industry.
* Distribute instructions, documentation, specifications, and questionnaires for EDI-related processes and procedures to client’s personnel and/or external trading Partners. Interact with trading partners and internal corporate and field units on a day-to-day basis to support and resolve issues relative to EDI transaction flow

**Environment:** **Gentran Server for Windows, Gentran Integration Suite 4.3, Sterling Integrator 5.1, iSeries (AS/400), Microsoft Visio, FTP, SFTP, AS2, SAP, Ultra edit, EDISIM, PL/SQL, XML, XSLT, Rosettanet.**

**CIGNA,Hartford,CT 06/2013-12/2013**

**EDI Developer:**

**Responsibilities:**

* Developed an implementation guide for Partners for **EDI X12** and **HIPAA** Standards transactions **- 835, 837, 270, 271, 276, and 278**.
* Responsible in configuring **biztalk server** to support xml documents.
* Involved in converting the maps from 4010/4030 versions to new version 5010.
* Created Process Flow Diagrams Using Visio and monitored EDI processes and resolved issues.
* Created companion guides and logical mapping specs used for physical mapping the source and destination fields.
* Create 5010 Companion guides for HIPAA EDI transaction sets, including the HIPAA 5010 837i, 837p, 837d, 835, 270/271, 276/277, 834.
* Involved in **migrating the Maps from GXS to GIS Maps**. Also, Involved in Migration the communication Channel from GXS to GIS in Migration project.
* Involved in facets Implementation, involved end to end testing of facets Billing, Claim Processing and Subscriber/Member module in EDI transactions.
* Set claim processing data for different facets Module.
* Validate EDI Claim Process according to **HIPAA** compliance. EDI transaction testing based on requirements.
* Analyzed maps and converted them from 4010 to 5010 versions.
* Developed **Java scripts** for Customized business logic in EDIFECS Spec Builder
* Created business process for both inbound and outbound transactions to Oracle and other internal applications as per business needs using Graphical Process Modeler.
* Developed **SQL Queries** to access Oracle Database to make sure data is invoked for the map
* Sending an Acknowledgment (EDI X12 997 Functional Acknowledgment) to the trading partners.
* Set up mailboxes for receiving files through Protocols FTP, SMTP. Created new interfaces to transfer files from source to destination using **FTP, SFTP, Connect Direct protocols**.
* Created and modified **BPML** to handle document archiving, failure notifications, acknowledgement reconciliations, and transaction metrics reporting.
* Interaction with Customers and Back end application teams to design, document, develop and test for new processes.
* Actively participated in implementing code from System test to Production code using Resource Manager and maintained timeline perfectly in all phases.
* Monitor, Maintain and update existing EDI programs (UAT and PROD)
* Configured **JDBC Adaptor** to select data from or insert/update to data base and vice versa.
* Developed **Java scripts** for automation purposes

**Environment: GIS 4.3, Gentran Server on Windows, Edifecs Spec Builder, Biztalk Server, Connect Direct, Secure Transport, FTP Servers,Oracle 10g, Java Script**

**Medlife,Banglore, India 07/2011-06/2013**

**EDI Consultant**

**Responsibilities:**

* Setup process schedules to automate the translation & transmission of documents.
* Work with providers and Medicare or Medicaid entities to validate EDI transaction sets.
* Implemented the following transactions **276/277, 270/271, 273, 278-13/278-11, 820, 834, 837D for 4010A, 5010 and 5010A compliance**.
* Develop loads, edits and maintains **TriZetto’s QNXT** application system configuration items (for Benefits, Contracts, Providers) in support of end to end business operations.
* Perform and anticipate necessary analytical and technical support for defining, tracking, and resolving QNXT Application System issues, changes, and enhancements.
* Used Edifecs Spec Builder to build, edit and customize the implementation guidelines.
* Worked on 270/271 (Eligibility Request & Response) for different clients in EDI Translations, Requirements analysis in different segments and elements that are required to send to the clients within the HIPAA regulations.
* Created Specs with **EDIFECS spec builder** for all the trading partners.
* Assisted in editing and reviewing **XML code** for each business process.
* Worked on integration with new trading partners using Gentran server for UNIX 5.3 version.
* Responsible in setting up Trading Partner Identities, Document exchange, Packaging and Envelopes for both inbound and outbound partners.
* Set up various Communication-Protocols **FTP, HTTP, SMTP and AS2** with trading partners for exchanging the EDI documents with digital Signature.

**Environment: EDIFECS spec builder, SQL, PL/SQL, Gentran, UNIX, TriZetto QNXT.**

### Education: Master of sciences in computer Science