**Gopal Thapa**

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**443-470-9159**

**Summary:**

* 7 years of experience in software Data Analyst and Software Testing of Web based and client server applications.
* Well versed in Agile, Iterative waterfall and Rapid development methodology.
* Expertise in Data Analysis Activities including Enterprise Data Management (EDM), Data Profiling, Data Quality, Data Governance, Source to Target Data Mapping, Data Testing.
* Experience in working with Data Warehouse and DataMart using ETL tools like SSIS and Informatica PowerCenter.
* Strong knowledge on Microsoft Business Intelligence tools (SQL, SSIS, SSRS).
* Experience in testing Business Intelligence reports generated by various BI Tools like SSRS and Cognos.
* Thorough experience in performing multi system Gap Analysis.
* Experience with training team members with product knowledge and business processes.
* Experience in testing and writing SQL and PL/SQL statements.
* Experienced in review meetings and issue resolution sessions and creating data blue print and mapping document based on business rules.
* Have in-depth and up-to-date knowledge of testing methods, concepts and processes and practices.
* Expertise in analyzing business specifications and developing Test plans, Test Metrics, test cases and executing them.
* Experience in Performance tuning of SQL queries.
* Have effective working relationships with business/client team to understand requirements, develop tactical and strategic plans to implement technology solutions to meet customer/business expectations.
* Formulated Test Plans based on the user Requirement Documents, design requirement document and System Requirement documents for the Functional, Regression and User Acceptance Testing.
* Performed various types of testing including Functional, System, Integration, Regression using software testing tools such as HP ALM/Quality Center.

**Technical Skills:**

* **Testing Tools** : Rational, HP ALM/QC
* **Reporting Tools** : Cognos, Crystal Reports, Business Objects, SSRS
* **ETL Tools** : SSIS, Informatica Power Center
* **Bug Reporting Tools** :Quality Center/ALM, Rational Clear Quest 7.0/7.1, Rally, JIRA
* **Databases** : Oracle 11g/10g/8i, MS SQL Server2000/2005, My SQL
* **Operating System** : Windows 2000/ XP/Vista, MS-DOS, UNIX, LINUX
* **Methodologies** : Agile/Scrum, Rational Unified Process (RUP), Waterfall
* **Others** : MS Office, SQL Server Management Studio , .net technologies

**Professional Experience:**

**CVS Caremark, Woonsocket, RI**

**July 2015- Present**

**Data Analyst**

CVS Caremark is the largest pharmacy services provider in the US, managing over a billion prescriptions via its network of retail pharmacies including its own house retail health clinics, Minute Clinic. As the leading pharmacy benefit manager, CVS Caremark extends mail order pharmacy services, claims processing, and prescription plan design and administration on behalf of plan sponsors, which include corporations, insurance providers and the government.

**Responsibilities:**

* Carried out User Acceptance Testing and extensively used SQL to perform Backend Testing in order to verify data integrity and analyzed, and manipulated the SQL database.
* Helped requirement documentation for Data Warehousing needs including Data Extraction, Data Transformation, and Loading processes as part of the ETL process.
* Perform functional testing and prepare regression test scripts for ETL processes
* Involved in Executing test scripts per defined ETL testing processes
* Provided the management with test metrics, reports, and schedules as necessary using MS Project and participated in the design walkthroughs and meetings.
* Involved in writing different bug reports to developer (work with ETL Developers to resolving the database issues) and troubleshooting them in a minimum timeframe.
* Created Business Requirement Document outlining detailed Business requirements (Functional and Non Functional), Data Requirements, ETL Specs, Timing, Constraints and Exceptions etc. Collaborate with data modelers, ETL developers to create the Data mapping document.
* Responsible for coordinating testing throughout both systems ODS and EDW which were two different teams.
* Executed ETL workflow using Informatica PowerCenter for Enterprise Data Warehouse project.
* Worked on Informatica DVO tool for Regression Testing
* Expertise in writing SQL Queries using SQL Server in validating data into Data Warehouse/ETL applications.
* Played an active role in profiling data and build logics to provide good data to the users.
* Worked on Microsoft Business Intelligence tools (SQL, SSIS, SSRS, and SSAS) for data mapping.
* Ability to evaluate ETL/BI specifications and processes.
* Very efficient in maintaining all the documents and trackers up to date and following up on any defects that require immediate attention.

**Environment**: SQL, MS Project, Flat files, delimited files, MS Visio, Facets, Windows 2007/2010, XML, ALM, Crystal Reports, Unix,  Toad, Oracle, Enterprise Data Warehouse, ETL, Informatica Power Center, Soap UI, SSIS.

**Meijer Pharmacy, MI**

**Nov 2013- June 2015**

**Data Analyst**

My prime role as a Data Analyst at Meijer Pharmacy was to help implement the Government and HIPAA regulatory compliance for the Pharmacy application. Implemented the Prescriber NPI update for all states around United States .

**Responsibilities:**

* Received the Client and Business users’ appreciation for the implementation of Prescriber NPI update and E-prescribing changes.
* Worked closely with project manager in setting realistic project expectations and in evaluating the impact of changes on the organization and plans accordingly.
* Performed functional testing and prepare regression test scripts for ETL processes
* Involved in Executing test scripts per defined ETL testing processes
* Provided the management with test metrics, reports, and schedules as necessary using MS Project and participated in the design walkthroughs and meetings.
* Involved in writing different bug reports to developer (work with ETL Developers to resolving the database issues) and troubleshooting them in a minimum timeframe.
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* Worked on Microsoft Business Intelligence tools (SQL, SSIS, SSRS, and SSAS) for data mapping.
* Ability to evaluate ETL/BI specifications and processes.
* Very efficient in maintaining all the documents and trackers up to date and following up on any defects that require immediate attention.
* Initiated, proposed and implemented critical analytical and technical turnkey solutions extensively increasing the quantitative and qualitative value of the application

**Environment**: SQL, MS Project, Flat files, delimited files, MS Visio, Facets, Windows 2007/2010, XML, ALM, Crystal Reports, Business Objects, Unix,  Toad, Oracle, Enterprise Data Warehouse, ETL, Informatica Power Center, Soap UI,DB2 – LUW 8.x/9.x/10.x, SSRS.

**Texas Medicaid and Healthcare Partnership, Austin, TX**

**Jan 2012- Oct 2013**

**Data Analyst**

Texas Medicaid and Healthcare partnership- Texas state developed New MMIS system for centralizing the all-Healthcare related transactions all over the state. The New MMIS project is a large IT project replacing the Medicaid claims payment system. I participated in all aspects of testing the New MMIS. My primary responsibilities were to ensure that the system functions as designed, meets the requirements of the business community and conforms to all applicable federal and state laws. I also worked on the claims and provider modules of the new MMIS system.

**Responsibilities:**

* Studied Oracle 11i data elements and provide a mapping from the existing legacy system
* I was responsible for the initial creation of data mapping document working with the Data Architect.
* Involved in the testing of web portal of New MMIS system.
* Interviewed all relevant stakeholders; perform additional analysis and refined use-cases.
* Created User stories using scrum methodology to add new business functionality.
* Used the data dictionary to ensure all data element-level requirements are accounted for and insure that the definitions match those that were accepted and signed off by business.
* Built data models and system diagrams flowcharting in order to convert legacy data (IMS, DB2, flat files) to server data (ORACLE) on a new development project using IBM DB2 utility unloads in order to unload DB2 data into unload files and load into ORACLE database on the server to create new membership database.
* I was responsible for providing answers to any data mapping related questions or clarification needed from the Design and / or Test teams.
* Worked on Microsoft Business Intelligence tools (SQL, SSIS, SSRS, and SSAS) for data mapping.
* Experiences working in ANSI x12 834/837/835 EDI Transaction.
* Was involved in testing the HIPPA EDI 834, 270/271, 837/835 transactions according to test scenarios and verify the data on different modules.
* Made appropriate changes to records by resolving enrollment system rejects. Reconciling our various EDI transactions sets such as 834 enrollment files, 820 payment remittance files, ID card files, and Group XML files.
* Involved in the testing of web portal of New MMIS system.
* Work on coordination of benefits (COB) in a claim processing.
* Developed data quality test plans and manually executed ETL and BI test cases.
* Experience in testing of Data Warehouse/ETL Applications developed in Informatica, SSIS using SQL Server, Oracle, DB2, and UNIX. Ability to evaluate ETL/BI specifications and processes.
* Tested the ETL Informatica transformation and other ETL Processes (DW Testing).
* Designed and developed UNIX shell scripts as part of the ETL process to automate the process of loading, pulling the data for testing ETL loads.
* Involved in the error checking and testing of the ETL procedures and programs Informatica session log.
* Used SQL to validate data stored and retrieved in the database.
* Wrote complex SQL queries to perform the backend testing of the database.
* Created and added tables to the SQL database when required.
* Worked with business SMEs and other planners to assess current capabilities and identify high-level customer requirements.
* Participated in model reviews to ensure understanding of the data model and how to manage the mapping document(s).
* Facilitated Mapping Meetings to insure completion of data mapping document(s).
* Translated business need and source system data to the physical model to manage the mapping document(s).
* Possessed and delivered ability to decipher and pull put relevant / key information from business subject matter experts to complete data mapping document(s).

**ENVIRONMENT:** SQL, MS Visio, MS Office Suite, Sybase Power Designer, Oracle, Teradata SQL Share Point, HTML, Oracle and Windows NT, Visio, Requisite Pro.

**Health Ways, Sterling, VA**

**April 2010- Dec 2011**

**Data Analyst**

Health Ways is a non-profit organization that implemented a full suite of application software modules based on the principle of electronic patient record (EPR) as a central repository of information. This application was integrated with the administrative and clinical functionality, supporting, and a multi-disciplinary approach with the needs of clinicians, doctors and administrators in mind. Modules include in-patient/out-patients, clinical information systems (CIS) and other departmental requirements. This HIPAA application has been deployed on the intranet site and can also be accessed through web browser.

**Responsibilities:**

* Experienced on Claims Billing, Claims, Payment Processing in relation to HIPAA, EDI codes 834, 835, 837
* Elicited requirements from Subject Matter Experts and documented them.
* Analyzed the functional details of various modules in mainframe and did the GAP analysis with the new system.
* Did the forward and backward data mapping between the fields in mainframe and Facets.
* Involved in gathering clinical data and supported application development. Data includes patient’s admission status, discharge details and transfers. Also tested claims and diagnosis reports of the patient
* Worked on a UNIX platform and experience in backend testing by executing SQL queries
* Experience in Medicare part A, B, C, D and Medicaid eligibility.
* Documented functional specifications such as Source-to- Target mapping and System Specifications
* Re-engineering and capturing of transactions with legacy systems [Enrollment -834, Eligibility Transaction (270/271), Claims (837), Claim Status Request and Response (276/277), Remittance (835)].
* Experience with Facets System implementation, Claims and Benefits configuration set-up testing, Inbound/Outbound Interfaces and Extensions, Load and extraction programs involving HIPPA 837 and proprietary format files and Reports development.
* Analyzing data and querying SQL tables, views, and reports for updates, changes, and functional support.
* Performed Migration and Validation per SDLC standards.
* Prepared documents such as Project Scope, Project Vision, Project Success, Business Requirements, Functional Specification, Data Warehouse Process Flow (SQL queries & Crystal Reports) using MS Office (Word, Excel, Visio) and dashboards Tested the changes for the front end screens in Facets related to following modules, test the Facets batches (membership, Billing, Provider claim processing, etc.).
* Worked in Data Warehousing & Business Intelligence and experienced with its tools.
* Developed logical & physical modeling as per business requirements.
* Responsible for working with the State to review and modify process flows to increase productivity and effectively utilize Facets features not provided by the legacy systems.
* Prepared Test cases.
* Prepared documents such as Project Scope, Project Vision, Project Success, Business Requirements, Functional Specification, Data Warehouse Process Flow (SQL queries & Crystal Reports) using MS Office (Word, Excel, Visio) and dashboards.
* Developed ETL test plans based on test strategy. Created and executed test cases and test scripts based on test strategy and test plans based on ETL Mapping document.
* Tested mappings with the Design Documents and also performed testing for various sample data.
* Tested various mappings transformations like Filter, Joiner, Sequence Generator and Aggregator and perform query overrides in Lookup transformation as and when required to improve the performance of the mappings.
* Co-ordinate with team members for effective management for all project requirements and responsible for deliverables and receivables during all project phases.
* Wrote SQL Statements to extract Data from Tables to verify the output Data of the reports
* Tested the ETL Informatica mappings and other ETL Processes (Data Warehouse Testing)
* Involved in testing the packages using SSIS (ETL) to verify the data transformation from source to staging and to the target, to maintain the data quality, Functional and Intergration testing.
* Conducted Integration tests and User Acceptance Tests.

**Environment:** Facets, , Requisite Pro, SQL Share point, MS Access, MS Visio, MS office, MS word, MS excel Clear Case Clear Quest, Quality Center, Oracle, Data Warehousing, SSRS, SSIS.

**EDUCATION:**

Bachelors of Computer Applications

Sikkim Manipal University