**Mengsitu Abebe**

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**Summary:**

* Over 7 years of experience in the field of Information Technology with solid experience in Data Analyst, Design and Development and Database administration. Involved in providing production support to various Data Warehousing, Data Integration, in ETL source to target mapping.
* Using Facets for various health insurance areas such as enrollment, member, Products and other FACETS related modules
* Experience working on 4010 and 5010 HIPAA implementation guides relate to Claim Testing and Medical Billing.
* Strong understanding of various SDLC methodologies such as RUP, Waterfall and Agile with hands on experience in all of them
* Knowledge of the EDI transaction sets such as 837, 834, 835, 270, 271, 276, 277, 999
* Understanding of HIPAA Standards and Compliance issues, HIPAA Privacy policy, opt in/opt out policy.
* Developed Test Cases, Test Scripts and SQL to perform Unit Testing, System Testing and Load Testing. Worked with Operations and Platform teams to migrate ETL Code and DB objects from Development to Testing, UAT and Production.
* Extensive experience with Data Warehousing, Extraction, Transformation and Loading (ETL) and Business Intelligence (BI) tools.
* Hands on experience in all major facets of Project management – project planning, execution, milestone monitoring, resource utilization and driving a team with multi vendors and customer.
* Executed SQL queries and documented them as part of validating the Business Object reports and for testing purposes
* Experience in creating SQL queries to facilitate UAT and perform data validation.
* Experience in methodologies like Agile, Waterfall Model and Data Modeling; Creating Process mapping, Use Cases, Sequence diagrams, Activity diagrams
* Excellent experience in troubleshooting test scripts, SQL queries, ETL jobs, data warehouse/data mart/data store models.
* Solid understanding of Membership, Claims Processing, Billing, Benefit/Eligibility, Authorization/Referrals, COB, and have experience in HIPAA standards and corresponding EDI transactions.
* Detail oriented and strong project management skills coupled with excellent knowledge of SDLC, Agile Processes and SCRUM.
* Facets support systems were used to enable inbound/outbound HIPAA EDI transaction in support of HIPAA 834, 835, 837 270/271 transactions.
* Proficient in conducting System Testing, Functionality Testing, Regression Testing, User Acceptance Testing (UAT) and training of users
* Involved in maintaining Test Matrix and Traceability Matrix and performing GAP analysis
* Experience in Data Mining, Data mapping and Data modeling and good understanding of the ETL tools like AB Initio, SSIS and Informatica Power Center.
* Experience working on Data Extraction/Transformation using DTS/SQL Server Integration Services (SSIS).
* 2+ Experience in configuring SQL server Reporting service (SSRS) and SSIS.
* Experience in T-SQL Programming in writing Stored Procedures, Functions and Triggers.
* Experience in Data Migration between SQL Server 2003 and 2005, 2+ Experience in migration of Data from Excel, Flat file, Oracle to MS SQL Server by using BCP and SSIS.
* Experience in Creating Packages, Jobs and Sending Alerts using SQL Mail/Database Mail.
* Experience in Data Modeling using ER-Studio and Microsoft Visio 2005/2008.
* Experience with SQL-Server Management Studio, SQL profiler, Query Analyzer.
* Excellent interpersonal, analytical and communication skills.

**Technical Skills**

* Languages: T-SQL, MySQL, DB2, PL/SQL, XML, VB Script, C#, ASP, ASP. Net, ASP.NET MVC, VB.Net, HIPAA, Python and Power Shell Scripting.
* Operating Systems: Windows server 2003, 2008, 2012 and Linux.
* RDBMS: SQL Server 2008, 2008R2, 2012, 2014, 2016 Oracle 9i and MS-Access 2010/2013.
* Tools: Query Analyzer, Profiler, Query Execution Plan, and Visual studio, Database Tuning Advisor, Hadoop, MongoDB, NoSQL, Idera and Red Gate.
* Hardware: SUN, IBM AS/400, HP, Compaq, Dell, Cisco routers.
* Packages: Microsoft Office, Lotus Notes, MS Visio, MS-Project
* Performance Tools:Database Engine Tuning Advisor,profiler and perormance Monitor.

**Professional Certification:**

* Microsoft certified IT professional in Microsoft SQL Server 2012/2014.

**Education:**

* B.Sc. in Applied Physics.

**Professional Experience:**

**Aetna Inc. Hartford, CT Jan 2017 – Aug 2017**

**MS SQL Server Data Analyst**

The project was contributed to the early phase into conversion of ICD-9 to ICD-10 compliant with HIPAA 5010. (HIPAA) require that all health insurance payers in the United States comply with the EDI standards for health care as established by the Secretary of Health and Human Services. The Addenda version of the ANSI ASC X12 837/835 transaction set was selected as the HIPAA-mandated format for electronic enrollment and disenrollment in a Health Plan. Along with that also managed claims processing for the entire enterprise of EDI X12 837/835 (I/P/D). Responsibilities:

* Wrote advanced SQL queries to extract, manipulate, and/or calculate information to fulfill data and reporting requirements including identifying the tables and columns from which data is extracted.
* Responsible for Data modeling and Mapping through data analysis to extract data elements from various OLTP’s using ETL technique (Informatica Power Center 8.1) and utilized Business Intelligence Tool (Tableau) for report generation.
* Analyzed and documented the changes in the compliance rules for adverse action redesign.
* Used Data warehousing for Data Profiling to examine the data available (Data Analysis) in an existing database
* Extensive experience in ETL processes in extracting data from Operational and Legacy Systems to Data Warehouse using Informatics.
* Responsible for providing business requirements within an AGILE software development SCRUM environment.
* Ensure day-to-day EDI transmission, Reject tracking and Reconciliation.
* Run EDI Reconciliation reports daily and document in MS Excel.
* Utilized SQL server’s reporting services SSRS and SSIS to support reporting requirements.
* Maintained and monitored project progress and status through MS Project.
* Data visualization using Cognos and Tableau.
* Used SQL tools like TOAD to run SQL queries to view and validate the data loaded into the warehouse.
* Designed, Developed and Implemented reports in Qlikview BI Dashboard tool – one of the most advanced tools for BI and reports.
* Worked closely with the Enterprise Data Warehouse team and Business Intelligence
* Used the guidelines and artifacts of the Agile Process to strategize the Implementation in different sprints of the Software Development Life Cycle.
* Performed extensive task which include Data Quality Analysis, Data lineage and Data Standardization data structures, data base design, data warehouses, business.
* Walk-through the business users: Business Object Reports or QlikView reports.
* intelligence/analytic tools, SQL, ETL tools, and data integration methods
* Worked on SQL Server concepts SSIS (SQL Server Integration Services), SSAS (Analysis Services) and SSRS (Reporting Services).
* Data mapping, logical data modeling, used SQL queries to filter data within the Oracle and Sybase.
* Used the Agile methodology to build the different phases of Software development life cycle.

**Environment:** Waterfall, Agile (Scrum)framework, Windows XP Toad for Oracle Version , SQL Developer, Warehouse Agile, Waterfall, Oracle , MS Office tools, Facets, HP Quality Center,

**Emblem Health , New York City NY Apr 2014 – Dec 2016**

**MS SQL Data Analyst**

Project Description Worked for the team that is responsible for receiving, documenting, processing the claims including the eligibility verification . The team is also responsible for making the system changes if there are any changes need to be made in the current policies, rules & regulations due to the business necessities

**Responsibilities:**

* Created domain models and made them an integral part of multiple FRDs that I created for various aspects of the project.
* Developed Use Case diagrams and process flow diagrams using Rational Rose and MS Visio.
* Actively prioritized and managed requirements throughout SDLC with all key stakeholders
* Negotiated and managed multiple priorities, project plans, time frames and trade-offs while ensuring the clinical and administrative staff understood the final results of the projects, sharing detailed vision of cost-benefit analysis.
* Worked on EDI 834, 835,837 as per HIPPA guidelines.
* Involved in mentoring specific projects in application of the new SDLC based on the Agile Scrum and Rational Unified Process, especially from the project management, requirements and architecture perspectives.
* Actively developed the project with agile methodology using Scrum and Extreme Programming.
* Performed the detail comparison between 4010A and 5010 especially in regard to EDI 837.
* Used the Rational Unified process methodology for the application development and created Use cases, activity diagrams and drafted UML diagrams using the Rational Rose.
* Responsible for providing business requirements within an AGILE software development SCRUM environment.
* Updated the requirements and prepared comprehensive Business Requirements Document (BRD) that provided the appropriate scope for the users and management to make appropriate decisions.
* Played a key role in planning UAT and implementation of system enhancements and data migration and conversions.
* Schedule jobs to run automatically using SQL server agent and created variables and configured files to make the SSIS package more dynamic.
* Strong knowledge in RDBMS concepts and extensive experience in creation, maintenance of Tables, Views, Materialized views, Indexes, nested queries, Stored Procedures, Functions & Triggers using SQL and PL/SQL programming.
* Designed and implemented MDX Cubes, facts, dimensions and OLAP cubes using dimensional data modeling standards in SQL Server 2008 that maintained data.
* Developed summary reports including line and pie charts, trend analysis reports and sub-reports according to business requirements using SQL Server Reporting Services.
* Performed performance tuning like partitioning of sources, targets, mappings and SQL queries used in Source Qualifier to provide maximum efficiency.
* Used Rational Rose in designing User-Case diagrams, business flow diagrams, Activity/State as well as Sequence diagrams so that the developers and other stake holders can understand the business process using graphical representation
* Created an SQL Agent job to schedule data warehouse load and an SSIS package to process the cubes on periodic basis
* Worked with the clients on the final signing process in the User Acceptance stages.
* Followed the UML based methods using MS Visio to create: Use Cases, Activity Diagrams and Sequence Diagrams.
* Utilized Requisite Pro to prepare a BRD by complying with the HIPAA regulations.
* Gave functional specs to the requirements gathered and communicate it to the developers.
* Worked on Data mapping, logical data modeling used SQL queries to filter data within the Oracle database tables.
* Developed and maintained reports using relational databases as data sources for internal and external client reporting.
* Created Source to Target mappings for Billing, Customer and Product related Dimensions and Facts.
* Created and maintained the Data Model repository as per company standards.
* Clarified QA team issues and reviewed test plans and test scripts developed by QA team to make sure that all requirements will be covered in scripts and tested properly.
* Involved in generation and execution of SQL queries.
* Organized meetings to discuss outstanding issues with QA and developers.

**Environment:** Data Stage , Windows , Linux, DB2, UNIX, IBM Mainframe AGILE methodology, Windows, XML, HTML, HIPPA,EDI Facets.

**HCA Inc, Nashville, TN Jan 2010- Mar 2014**

**SQL Server Database Administrator**

HCA Inc, Nashville, is responsible for the Medicaid program, child welfare, public health, disabilities, veteran’s affairs, and elder affairs increasing the nation-leading access to care. The project provided a platform, which collects and synchronizes information of each person all in one place, including medical claims, lab results, self –reported data and other relevant information and also in an efficient and effective manner.

Responsibilities:

* Installation of MS SQL enterprise servers on production, test and development boxes.
* Drop and add users, logins, aliases, and groups to the databases and granting/revoking permissions on Database objects.
* Performed stored procedures, Triggers, Views, Functions.
* Extensively used SQL Server Management Studio, SQL profiler, SSIS, and SQL mail services.
* Performance tuning by dropping and rebuilding index.
* Auditing stored procedures for optimization and improving performance.
* Data Transfers between various systems using BCP and SSIS.
* Writing T-SQL and Stored-Procedures
* Data Modeling using ER*W*in
* Designed Logical & Physical Database using ER*W*in
* Backward & Forward Engineering using ER*W*in
* Performed Database, SQL, and index tuning
* Assisted SQL developers to optimize SQL queries and Stored Procedures
* Grant internal/external developers to development servers, shares
* Created Backup strategy for production and development environment
* Database Backup & Restore
* Setup and configure Database mail for notification purposes
* Developed Database Maintenance Plan
* Monitor Servers activity, solving problem
* Monitor and resolve Mantis bug tracker for client issues. Troubleshooting connectivity issues Permissions, etc with custom applications and SQL
* SQL Server Error Log, space usage
* Run DBCC statements to check physical and logical consistency of the database and Rebuild indexes
* Export & Import data from Oracle, MySQL, and Access Database including flat files like text, excel, and CSV files into SQL Server databases
* Extensive experience in using DTS, SSIS, BCP to import data from different sources of data into SQL Server Databases
* Performance tuning on the Production, QA and development Servers.
* Database and log backups and restoration, backup strategies, scheduling backups. Backing up master and system databases and restoring them when necessary
* Regularly maintained database for database consistency check using DBCC
* Schedule the jobs for the Database Maintenance.
* Create a customized report using SQL Server Reporting Services.
* Created Alerts and Notifications for system errors, insufficient resources, fatal database errors, hardware errors, security breach, etc.

**Environment:** MS SQL Server Enterprise 2008/2008R2, Windows Server 2003, SSRS, SSIS, Facets, MS SQL Management Studio, MS Business Intelligence Development.