**SUNIL**

**SUMMARY:**

* **7 Plus years** of IT experience in the field of **Data analysis**, ETL Development, Data Modeling, and Project Management.
* Strong experience in **Business** and **Data Analysis**, **Data Profiling**, **Data Migration**, Data Integration and **Metadata Management**, **Data Governance**, Data steward and Configuration Management.
* Ability to collaborate with peers in both, business, and technical areas, to deliver optimal business process solutions, in line with corporate priorities.
* Strong experience in interacting with stakeholders/customers, gathering requirements through interviews, workshops, and existing system documentation or procedures, defining business processes, identifying and analyzing risks using appropriate templates and analysis tools.
* Experience in various phases of Software Development life cycle (Analysis, Requirements gathering, Designing) with expertise in documenting various requirement specifications, functional specifications, Test Plans, **Source to Target mappings, SQL Joins**.
* Involved in trouble shooting, performance tuning of reports and resolving issues with Tableau Server and reports
* Expertise in writing SQL Queries, Dynamic-queries, sub-queries and complex joins for generating Complex Stored Procedures, Triggers, User-defined Functions, Views and Cursors.
* Excellent problem solving ability in query performance tuning and finding issues with resource intensive queries.
* Primary experience in using **Teradata** utilities like SQL Assistant**, BTEQ, MLOAD, FLOAD, TPUMP.**
* Resourceful and Research **Oriented SAS Analytics** professional in application development, data validation, manipulation, data analysis, process optimization and root cause analysis.
* Extensive experience in performing Oracle server side programming which includes SQL, PL/SQL Packages, Stored Procedures, Triggers, Functions, Cursors, Views, Materialize Views, Object Oriented PL/SQL Programming and TSQL
* Good understanding of **Relational Database Design**, **Data Warehouse/OLAP concepts** and methodologies
* Good experience in Data Modeling with expertise in creating Star & Snow-Flake Schemas, FACT and Dimensions Tables, Physical and Logical Data Modeling using Erwin and Sybase Power Designer Implemented **Optimization techniques** for better performance on the ETL side and also on the database side.
* Experience in programming for generating graphs, data listings and tables using data steps, procedures, **SQL and SAS macros**.
* Excellent Communication, interpersonal, analytical skills and strong ability to perform in a team as well as individually.

**TECHNICAL SKILLS:**

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| --- | --- |
| **ETL Tools** | SQL \* Loader, Ascential Data Stage, SSIS |
| **Data Modeling** | Erwin 4.0, Power Designer, Microsoft Visio 2003, ER Studio |
| **Databases** | Oracle 9i, 10g, MS SQL Server, MS Access, Teradata |
| **Operating Systems** | Windows and UNIX, Sun Solaris, AIX, HP, VM ware |
| **Programming Languages** | SQL, PL/SQL, UNIX Shell Scripting, XML |

**PROFESSIONAL EXPERIENCES:**

**Anthem Blue Cross, VA Beach, VA Dec’2014 –Till Date**

**Role: Sr. Data Analyst**

**Description:**

Responsibilities includeproviding critical data reporting and analytics for Small business health and Anthem Dental Pediatric PPO plan andanalyzing complex data structures to provide useful business insights and develop reporting to monitor business critical results. These reports provided critical input to theLeadership Team which includes data consultation, data gathering, and data analysis.

Also Responsible for Analyzing Claims Operation & Virginia Individual and Family Health Insurance Plan in translating business needs into data requirements. Responsibilities included understanding the existing business processes and system capability and also involved gathering or modifying requirements, business design specifications, user training and documentation.

**Responsibilities:**

* Facilitate requirements sessions with the Business line.
* Defined and document the functional business requirements.
* Defined and document the technical business requirements (i.e. response time, throughput, volumes, capacity, availability, archiving).
* Develop and update the logical and physical models.
* Worked on gathering the business/data requirements for automating the ALLL calculation process.
* Developed source to target mapping documents, including business transformation rules.
* Provided subject matter expertise to the business lines on BLDM OLTP sources systems.
* Assisted in testing by defining business scenarios for new development.
* Identified the appropriate and accurate OLTP sources of data for Business line use within the BLDM (Basel Lending Data Mart) application.
* Dealt with Master data (MDM), Transaction data, Control data etc.
* Used SQL within the Teradata platform. Performed the Back-end testing manually by writing and executing SQL statements on Oracle Database in **UNIX** environment to query the database for Data validation, identifying, cleaning/scrubbing.
* Performed documentation of business and systems requirements.
* Performed numerous SQL Statements to load and extract data to and from database.
* Created multi set, set and volatile tables using **Teradata**.
* Performed in depth analysis of data and prepared weekly, biweekly, monthly reports using **MS Excel,SQL** and **UNIX**.
* Designed and developed various Ad hoc reports for the finance (Oracle SQL, PLSQL, MS Excel).
* Developed Unix Shell Scripts for automating logs, checking daily logs for automating backup procedures along with communication procedures, using send mail and mail.
* Defined accountability procedures governing data access, processing, storage, retention, reporting and auditing measuring contract compliance
* Blended data from multiple databases into one report by selecting primary keys from each database for data validation.
* Reviewed basic SQL queries and edited inner, left, and right joins in Tableau Desktop by connecting live/dynamic and static datasets.
* Scheduled data refresh on Tableau Server for weekly and monthly increments based on business change to ensure that the views and dashboards were displaying the changed data accurately.
* Tested dashboards to ensure data was matching as per the business requirements and if there were any changes in underlying data.
* Participated in meetings, reviews, and user group discussions as well as communicating with stakeholders and business groups.
* Developed data stewardship program establishing metadata registry for Enterprise Metadata Management
* Data stewardship to include business usage, definition, content and quality including shadow updates.
* Facilitate requirements sessions with the Business line.
* Defined and document the functional business requirements.
* Defined and document the technical business requirements (i.e. response time, throughput, volumes, capacity, availability, archiving).
* Develop and update the logical and physical models.
* Developed source to target mapping documents, including business transformation rules.
* Provided subject matter expertise to the business lines on BLDM OLTP sources systems.
* Assisted in testing by defining business scenarios for new development.
* Identified the appropriate and accurate OLTP sources of data for Business line use within the BLDM (Basel Lending Data Mart) application.
* Used data analysis techniques to validate business rules and identify low quality missing data in the existing Capital One Bank data warehouse
* Performed data analysis and data profiling using complex SQL on various sources systems including Oracle and Teradata.
* Also worked with business to define Sales Relationship

**Environment and Tools: Teradata, Oracle, Multi load, BTEQ, Fast Load, Business Objects XI r4.0, Tableau, MS Excel Macros, HP Unix, Linux, ERStudio**

**Bank of America, Dallas, TX Nov’2013–Dec’2014**

**Role Sr. Data Analyst**

**Description:**

Data Integration/Infrastructure project, for Retail Banking. Assessing the impact on downstream data management environments of processing different banking products via different systems and processes was critical to the project. Further involvements include requirements gathering, data mapping, and documenting metadata.

**Responsibilities:**

* Work with users to identify the most appropriate **source of record** required to define the asset data for financing
* Perform **data profiling in the source systems** that are required for financing
* Document the complete **process flow to describe program development, logic, testing, and implementation, application integration, coding**.
* Involved in defining the trumping rules applied by Master Data Repository
* Define the **list codes and code conversions** between the source systems and MDR.
* Created and defined trust-building processes needed for enterprise-wide adoption of metadata registry. Familiar with stakeholder analysis, data stewardship and adoption of metadata registries by development staff.
* Implemented metadata standards, data governance and stewardship, master data management, ETL, ODS, data warehouse, data marts, reporting, dashboard, analytics, segmentation, and predictive modeling
* Worked with project team representatives to ensure that logical and physical ER/Studio **data models** were developed in line with corporate standards and guidelines
* Involved in defining the **source to target data mappings**, business rules, business and data definitions
* Responsible for defining the **key identifiers** for each mapping/interface
* Responsible for defining the **functional requirement documents** for each source to target interface.
* **Document, clarify, and communicate requests** for change requests with the requestor and coordinate with the development and testing team.
* **Involved in configuration management** in the process of creating and maintaining an up-to-date record of all the components of the development efforts in coding and designing schemas
* Developed the financing reporting requirements by analyzing the **existing business objects reports.**
* Responsible in maintaining the **Enterprise Metadata Library** with any changes or updates
* Document **data quality and traceability** documents for each source interface
* Establish standards of procedures.
* Generate weekly and **monthly asset inventory reports**.
* Coordinate with the **business users in providing appropriate, effective and efficient way to design the new reporting needs based on the user with the existing functionality**
* Remain knowledgeable in all areas of **business operations in order to identify systems needs and requirements.**

**Environment: SQL/Server, Oracle 9i, MS-Office, Teradata, Informatica, ER Studio, XML, Business Objects**

**Fidelity Investments, Raleigh, NC Nov’2012-Nov’2013**

**Role: Data Analyst**

**Description:**

FMRLLC (Fidelity Management and Research) or Fidelity Investments is American multinational financial services corporation. As a Data Analyst, core activities include building Impact Data Mart (IDM) from the existing Analytic Data Warehouse (ADW) with supporting Securities information. Also data mart required for various reporting purposes (BI&Ad-Hoc Reporting)

**Responsibilities**:

* Met with Customers to determine User requirements and Business Goals.
* Blended technical and business knowledge with communication skills to bridge the gap between internal business and technical objectives and serve as an IT liaison with the business user constituents.
* Conducted JAD sessions to gather requirements, performed Use Case and work flow analysis, outlined business rules, and developed domain object models
* Performed Data Analysis and Data validationby writing complex SQL queries using TOAD against the ORACLE database
* Created a conceptual design based on the interaction with the functional and technical team.
* Analyzed the existing data model and incorporated new additions for the advancement data into the data model identifying the cardinality of the new tables to the existing tables and ensure proper referential integrity of the system
* Analyzed, created and formatted the Reports as per Business Requirements.
* Created both list and drill down reports identifying the data hierarchy
* Performed report validation writing SQL queries using TOAD on an Oracle database.
* Created process documents, reporting specs and templates, training material and slideshow presentations for the application development teams and managements
* Analysis of the data identifying source of data and data mappings of BHC.
* Worked extensively in documenting the Source to Target Mapping documents with data transformation logic.
* Manipulate and prepare data, extract data from database for business analyst using PC/Unix SAS, SQL, Oracle, Excel and Access.
* • Conduct data cleaning, manipulation, modification and combination using variety of SAS steps and functions
* • Analyze, test, document and maintain SAS programs and macros to generate SAS datasets, spreadsheets, data listing, tables and reports
* Ensure that models conform to established best practices (including normalization rules) and accommodate change in a cost-effective and timely manner.
* Created and maintained specifications and process documentation to produce the required data deliverables (data profiling, source to Client maps, flows).
* Worked in collaboration with various areas of the organization, identified additional stakeholder Requirements, and Documented requirements in a Software Requirements Specification document.
* Created use cases, activity diagrams and state diagrams using Rational Rose.

**Environment: Oracle 10g, Windows, Micro strategy, MS Visio, MS Project.**

**HSBC, Hyderabad, India Nov’2008-Oct’2012**

**Role: Data Analyst**

**Description**

HSBC is a financial services company with global banking and marketing. Interacting with the product owners, developers in relation to requirement gathering, data mapping and documenting metadata were the core components of the project role.

**Responsibilities:**

Involved in test scheduling, formulated test plan and execution strategy for system testing.

* Involved in review testing artifacts (Test Cases and Defects)
* Involved in defect logging and co-ordination with the development team to get the defect to closure
* Involved in Perform System Test Execution Kick Off, Test execution, report weekly test results
* Develop and update Test Scenarios, and Test Cases based on the System requirements document.
* Performed various types of testing, such as functional, regression, user acceptance
* Coordinate Inter-System Testing and User Acceptance Testing
* Formulated test execution strategy for Load and stress testing
* Creation of test plans, questionnaires, performance reports and signoff presentations for the client
* Create automated performance test scripts using IBM's Rational Performance Tester, Monitor test execution and report weekly test results.
* Document recommendations or risks from application performance standpoint by identifying performance bottlenecks
* Created test scenarios/test cases for Change requests for Client
* Involved in Document application, business knowledge and Business Domain Training for new team members
* Analyzed and reviewed the software requirements, functional specifications and design documents for Plan Enrollment and Management Interface
* Interacted with the SME and stakeholders to get a better understanding of client business processes
* Involved in creating test plans and developing test cases from Business Requirements
* Created SQL queries to verify data in the DB and consistency with system reports
* Analyzed, documented and maintained Test Results and Test Logs
* Initiated project quality audit for compliance; identified and implemented opportunities for improvement

**Environment: Oracle 10g, PLSQL, SQL, Shell Script, Perl Script, SQL Loader.**

**Education:**

Bachelor of Engineering in Computer Science, J.N.T.U, India