**Prashanth Kesireddy**

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**Summary:**

* Around 8 years of experience in analysis, design, development and implementation as Data Analyst with consistent of BI/DW platform and working on Oracle platforms.
* Comprehensive knowledge of Software Development Life Cycle (SDLC), having thorough understanding of various phases like Requirements, Analysis/Design, Development and Testing.
* Extensive experience in gathering, managing and documenting business and functional requirements, communicating effectively with upper management, developers and QA engineers.
* Experience in commercial Property, Casualty, disability and Personal Line insurance.
* Strong knowledge of Extraction Transformation and Loading (ETL) processes using UNIX shell scripting, SQL, PL/SQL and SQL Loader.
* Experience in BI tools such as Business Objects, QlikView, Xcelsius, Crystal, OBIEE, ETL, Hyperion Ab initio.
* Designed, developed and supported ETL processes for data staging, extraction, transformation, and loading of fact tables, data cleansing, automating ETL processes.
* Developing Data Mapping, Data Governance, Transformation and Cleansing rules for the **Master Data Management (MDM)** Architecture involving OLTP, ODS and OLAP.
* Created ETL packages with different data sources (SQL Server, Flat Files, Excel source files, XML files etc.) and then loaded the data into destination tables by performing different kinds of transformations using SQL Server Integration Services (SSIS).
* Very good exposure to ETL tools like Informatica,Micro strategy and IBM Data stage.
* Strong knowledge of Star Schema, Snow Flake Schema, Dimension and Fact table.
* Involved in requirement gathering and database design and implementation of star-schema, dimensional data warehouse using Erwin.
* Ability to share the team vision and achieve goals under deadlines.
* Experience in using IDQ tool for profiling, applying rules and develop mappings to move data from source to target systems.
* Experience of working on development focused projects with an understanding of the software development life cycle and in an Agile/Scrum environment.
* Measuring various SLA (Service Level Agreement) metrics for Environment and Configuration team and taking corrective action plan during LAM (Look Ahead Meetings).
* Strong understanding of concepts in Data warehouse like Design, Data Modeling, OLTP, ETL and Reporting.
* Design, implement, and maintain database maintenance scripts, including replication and monitoring.
* Extensive experience working with SQL & PL/SQL in creating stored procedures, views, triggers and database schemas.
* Proficient in Data Analysis on Oracle, MS SQL Server & MS Access with sound knowledge in extraction of data from various database sources like Oracle, MS SQL Server, DB2 and Flat files into the Data Stage.
* Good in Normalization (1NF, 2NF, 3NF and BCNF)/DE normalization techniques for effective and optimum performance in OLTP and OLAP environments.
* Strong experience in conducting UAT and documentation of test cases. Familiar in designing and developing manual and automation test cases and test.
* Exceptional problem solving and sound decision making capabilities, recognized by alternative solutions, and confident, accurate, decision-making coupled with excellent communication and interpersonal skills. Excellent track record for meeting deadlines and submitting deliverables on time.
* Facilitated Change Management across entire process from Project conceptualization to Testing through Project Delivery, Software Development and Implementation Management in diverse Business and Technical Environments.
* Designed and implemented basic SQL queries for QA Testing and Report / Data Validation.
* Well versed in different management scenarios like Change Control, Quality Assurance, Defect Tracking, System Integration, and Scheduling.
* Excellent analytical,inter-personal and communication skills with clear understanding of business process flows.

**Technical Skills: Technical Skills:**

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| **Languages:** | SQL, PL/SQL, T SQL, Phyton, XML, HTML, Java. |
| **Operating Systems:** | Windows Server 2003, Windows 98/XP/Professional. |
| **Databases:** | Oracle 10g/9i, SQL Server 2008, PL/SQL, IBM DB2, MS SQL Server 2000/6.5,MS Access 2000, Teradata V2R5.0. |
| **Data Modeling Tools:** | Erwin, ER Studio, |
| **Reporting Tools:** | Business Objects 5.x / 6.5, Micro strategy, Cognos 7.0, Jasper, Crystal Reports, Tableau, OBIEE, Business intelligence enterprise ,Hyperion. |
| **ETL Tools:** | Informatica Power Center 8.6/9.4.1, Informatica Data Quality |
| **Other Tools** | TOAD,SQL Developer, SQL Navigator, SQL Loader,  SQL Server Management Studio. |
| **Big Data** | Map Reduce, Hive, Pig. |

**Professional Experience:**

**Lincoln Financial Group, Philadelphia, PA Mar 2014 – Nov 2016**

**Sr. Data Analyst/ Sr. Data warehouse Analyst**

**Responsibilities:**

* Gathered the requirement documents and analyzed the process.
* Identified the key facts and dimensions necessary to support the business requirements. Develop the logical dimensional models.
* Used UML and Visio for creating Activity diagrams, Sequence Diagrams.
* Used Erwin for relational database and dimensional data warehouse designs.
* Developed entity and attribute descriptions and definitions for the models and ensure that conflicts in descriptions and definitions are resolved.
* Conducted design discussions and meetings to come out with the appropriate data mart using Inmon methodology.
* Converted SAS code to TSQL and generated reports using migrated code.
* Worked with Master Data Management architects to develop data models.
* Performed GAP Analysis with Teradata and MDM and data models to get clear understanding of requirements.
* Created and scheduled SSIS packages to pull data from SQL Server and exported to Excel Spreadsheets and vice versa.
* Use Informatica Master Data Management (MDM)) from various database to to extract, transform, load (ETL) data on Oracle Database for grants data management.
* 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
* Use SAS to load and extract data from various data sources.
* Automated data collection and updation processes through SSIS packages for gathering data from different sources like SQL server, PostgreSQL and flat files.
* Writing complex queries using Teradata SQL.
* Worked on developing SQL server objects like stored procedures and views as part of reporting automation and data warehouse enhancement.
* Experience in executing Database Consistency Checks, Experience in Scheduling jobs, Configuring Database Mail and operators.
* Substantial report development experience utilizing SQL Server Reporting Services (SSRS), Cogno’s Impromptu, and Microsoft Excel.
* Involved in writing code using Base SAS & SAS/Macros to clean and validate data from tables.
* Used Teradata utilities such as Fast Export, MLOAD for handling various tasks.
* Performed source data quality assessments.
* Experience in Data Transformation and data cleansing.
* Identified the objects and relationships between the objects to develop a logical model in Erwin tool.
* Translated the logical model into physical model using Forward Engineering technique in Erwin tool for both OLAP and OLTP systems.
* Created Data Definitions and help maintain Metadata repository.
* Defined and processed the facts and dimensions.
* Created DDL scripts for static dimensions and ETL mappings using Informatica.
* Utilized Erwin for reverse engineering the database from DDL scripts.
* Monitor, troubleshoot, and resolve database performance issues.
* Assisted the Data Acquisition Architect to ensure the Data Architecture is applied properly.
* Involved in resolving the data type inconsistencies between the source systems and the target system using the Mapping Documents.
* Developed PL/SQL programming that included writing Stored Procedures, Packages, Functions and Database Triggers.
* Analyzed the data by performing Hive queries and running Pig scripts.
* Designed both Managed and External tables in Hive to optimize performance.
* Regular monitoring of Hadoop Cluster to ensure installed applications are free from errors andwarnings.
* Used different transformations such as Merge, Join, Filter, Lookup, and Aggregator using Informatica in ETL to transform the data.

**Environment**:PL/SQL, SAS,Oracle 10g, MDM,TOAD,Business Objects, MS SQL, VBA, Teradata, Informatica Power center, Erwin r7.3, Windows XP, Excel, Big data, Hadoop, SQL Server.

**First Data Corporation, Wilmington, DE Nov 2012- Feb 2014**

**Sr. Data Analyst**

**Responsibilities:**

* Worked with the Business analyst for gathering requirements.
* Identified the key facts and dimensions necessary to support the business requirements. Develop the logical dimensional models.
* Used UML and Visio for creating Activity diagrams, Sequence Diagrams.
* Used Erwin for relational database and dimensional data warehouse designs.
* Developed entity and attribute descriptions and definitions for the models and ensure that conflicts in descriptions and definitions are resolved.
* Conducted and participated in JAD sessions with the users, modelers, and developers for resolving issues.
* Conducted design discussions and meetings to come out with the appropriate data mart using Inmon methodology.
* Optimized and standardized reporting processes by designing SQL Server database objects like tables, views, procedures and functions for the assignment.
* Involved in defining the trumping rules applied by Master Data Repository.
* Prepared Documents and Designed web Analytics Documents Using Adobe Acrobat
* Converted SAS code to TSQL and generated reports using migrated code.
* Worked with Master Data Management architects to develop data models.
* Use SAS to load and extract data from various data sources.
* Writing complex queries using Teradata SQL.
* Involved in writing code using Base SAS & SAS/Macros to clean and validate data from tables.
* Used BTEQ for SQL queries and TPump for loading data from source into Teradata tables.
* Used Teradata utilities such as Fast Export, MLOAD for handling various tasks.
* Performed source data quality assessments.
* Experience in Data Transformation and data cleansing.
* Documented data content, data relationships and structure, and processes the data using Informatica Power Center Metadata Exchange.
* Wrote PL/SQL statement and stored procedures in Oracle for extracting as well as writing data.
* Wrote DDL and DML statements for creating, altering tables and converting characters into numeric values.
* Identified the objects and relationships between the objects to develop a logical model in Erwin tool.
* Translated the logical model into physical model using Forward Engineering technique in Erwin tool for both OLAP and OLTP systems.
* Created Data Definitions and help maintain Metadata repository.
* Defined and processed the facts and dimensions.
* Created DDL scripts for static dimensions and ETL mappings using Informatica.
* Utilized Erwin for reverse engineering the database from DDL scripts.
* Assisted the Data Acquisition Architect to ensure the Data Architecture is applied properly.
* Involved in resolving the data type inconsistencies between the source systems and the target system using the Mapping Documents.
* Developed PL/SQL programming that included writing Stored Procedures, Packages, Functions and Database Triggers.
* Experience in using SSRS and Cognos in creating and managing reports for an organization.
* Created documentation, worked with users for new module enhancements and testing.

**Environment:** PL/SQL, SQL,Server 2008,SSIS,Data Analytics, MDM,Web Analytics, Oracle 10g, MS SQL, VBA,Teradata, Informatica Power center,Erwin r7.3, Windows XP,Excel.

**XL Health - Baltimore, MD Apr 2011 - Sept 2012**

**Data Analyst/ Data Modeler**

**Responsibilities:**

* Involved in gathering user requirements along with business analysts.
* Involved in a team conducting data modeling JAD sessions and logical data analysis, communicated data-related standards.
* Created documentation for Technical & Business User Requirements during requirements gathering sessions using Rational Requisite Pro.
* Identified and validated high potential business opportunities for stakeholders and developed customized business strategies that are aligned with corporate strategic objectives.
* Transformed project data requirements into project data models for OLAP and OLTP systems using Erwin.
* Prepare prototype models to support the development efforts. Assist the business analyst in mapping the data from source to target.
* Build AML Risk Assessment scoring model and compute AML metrics through SAS
* Involved in modeling business processes through UML diagrams using Rational Rose.
* Conducted logical data model walkthroughs and validation.
* Extensively worked on Shell scripts for running SAS programs in batch mode on UNIX.
* Facilitated transition of logical data models into the physical database design for data marts using Inmon methodology and recommended technical approaches for good data management practices.
* Performed the activities necessary to support the standardization of facts and dimensions.
* Developed various use case diagrams using MS Visio.
* Created entity relationship diagrams, functional and data flow diagrams. Developed the data mart for the proposed project.
* Used Sybase power designer tool for relational database and dimensional data warehouse designs.
* Analyze the existing data model and document suspected design affecting the performance of the system.
* Worked with DBA group to create Physical Data Model from the Logical Data Model using Forward engineering in Erwin.
* Develop impact reports using Microsoft Reporting Services (SSRS).
* Reverse Engineered the database structure from the existing application using Sybase power designer.
* Developed Data Migration and Cleansing rules for the Integration Architecture (OLTP, ODS, DW).
* Turned SQL queries to make use of data base indexes, and analyzed the data base objects.
* Used SSIS, SSRS for solving business problems and creating reports in organization.
* Created a report using Hyperion based on the data model.
* Involved in the mapping of data sources and analytics, with the goal of ensuring data quality.
* Expert in data cleansing for accurate reporting. Thoroughly analyze data and integrate different data sources to process matching functions.

**Environment:** Rational Clear Case, IBM WebSphere Oracle, MS Visio, MS Office, Agile,SQL Server, PL/SQL, Informatica, Crystal Reports.

**AT & T - Middletown, NJ Jan 2009 – Mar 2011**

**Data Analyst**

**Responsibilities:**

* Facilitated JAD sessions to determine data rules and conducted Logical Data Modeling (LDM) and Physical Data Modeling (PDM) reviews with Data SMEs.
* Participated in data analysis and data dictionary and metadata management -Collaborating with business analysts, SMEs, ETL developers, data quality analysts and database administrators.
* Involved in gathering user requirements along with business analysts.
* Conducted logical data analysis and data modeling JAD sessions, documented data-related standards.
* Identified the key facts and dimensions necessary to support the business requirements. Develop the logical dimensional models.
* Make use of data modeling techniques in designing the data marts project.
* Used Rational Rose 2000 for Object Modeling in UML.
* Created views and extracted data from Teradata base tables and uploaded data to oracle staging server from Teradata tables, using fast export concept.
* Gather all the Sales Analysis report prototypes from the business analysts belonging to different Business units.
* Gather the various requirement matrices from the business analysts.
* Worked with Master Data Management.
* Assisted the DBA in converting the logical models to physical.
* Conduct Design discussions and meetings to come out with the appropriate Data Mart using Kimball Methodology.
* Released the reports through UNIX shell scripting every month based on requirement
* Designs for the various reporting requirements.
* Conduct Design reviews with the business analysts, content developers and DBAs to ensure the feasibility of the designs.
* Used Erwin for developing data model and forward engineer the data model.
* Reverse engineer the data base in to physical data model by using Erwin.
* Developed entities and relationships using Sybase Power Designer.
* Developed Data Migration and cleansing rules for the integration architecture.
* Developed data mapping documents between legacy, production and user interface systems.
* Designed different type of STAR schemas like detailed data marts, Plan data marts,
* Used Erwin for monthly summary data marts and inventory data marts.
* Worked with the Implementation team to ensure a smooth transition from the design to the implementation phase.

**Environment:** Erwin 4.0, Oracle 10g, DB2, SQL, PL/SQL, TOAD, UNIX, SharePoint, PowerPoint, Project, Excel, Access, Word, Jasper.