Revanth Reddy
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PROFESSIONAL SUMMARY:

- 8+ years of Extensive experience in Information Technology, Designing, testing, and Implementing Data Warehousing applications with strong background Data Analytics, BI tools, ETL development, SQL/SAS programing, Python programing, Reporting and Business Intelligence applications.
- Extensive experience in working with relational databases, AWS platform, AWS S3, Azure, Google cloud and Snowflake. Building Data pipelines and marts on various data projects.
- Experience in the Data Modeling. Creating Star-Schema & Snowflake Schema Model, Fact and Dimension tables. Physical and logical data model using Erwin.
- Seasoned expertise in Power BI and Tableau products. Tableau desktop/server and prep for Dashboards and reporting.
- Extensively used informatica power center 9 & 8, Power Exchange, Power Mart 5&4, IDQ(informatica data quality) and Informatica MDM.
- Extensively used Informatica Client tools like Designer, Workflow Manager, Workflow Monitor, Repository Manager and Server tools - Informatica Server, Repository Server
- Extensive experience in debugging mappings. Identified bugs in existing mappings/workflows by analyzing the data flow and evaluating transformations.
- Experience in designing/developing complex mapping using transformations Connected and Unconnected Lookup, Source Qualifier, Joiner, Expression, Filter, Sorter, Aggregator, Router, Update Strategy, Stored Procedure, Sequence generator, Reusable transformations.
- Proficient in the integration of various data sources involving multiple relational databases like Oracle11g/10g/9i, MS SQL Server, DB2, COBOL files and XML Files, Flat Files (fixed width, delimited), into the staging area of ODS, Data Warehouse or Data Mart.
- Extensively worked on PL/SQL Packages, Procedures, cursors, Functions and Triggers and Creation of Schema Objects-Tables, Indexes, Constraints, Sequence, Synonyms, Triggers, Views, Inline views etc.
- Implemented Slowly Changing Dimensions - Type I & II in different mappings as per the requirements.
- Experience in implementing update strategies, incremental loads, incremental aggregation, and change Data capture.
- Experience in identifying performance bottlenecks and tuning of Informatica sources, targets, mappings, Transformations, and sessions for better performance.
- Excellent skills in using versioning control in Informatica.
- Experience in providing 24/7 Production Support.
- Extensive knowledge of Software Development Life Cycle (SDLC), having thorough understanding of various phases like
- Requirements, Analysis/Design, Development and Testing.
- Experience in unit testing in Informatica Power Center.
- Organized, flexible and a quick learner with the ability to multi-task and work independently or in a team environment.

EDUCATION:

Bachelor's In Electrical Engineering – Vellore Institute of Technology

Master's In Information Technology – Southern New Hampshire University

TECHNICAL SKILLS:

Programing Languages	SAS, PL/SQL, TSQL, Python, Unix Scripting
Tools	Informatica Power Center 10/9/8, Power exchange, Source Analyzer, Warehouse Designer, Transformation Developer, Mapplet Designer, Mapping Designer, Workflow Manager, Workflow Monitor, OLTP, OLAP, AWS, S3, Tableau, PowerBI, Erwin.
Databases	RDBMS – SQL Server, Oracle, AWS, Azure, Google cloud, Snowflake

BI Package	SAS, MS BI, Tableau Desktop, Tableau Server, OBIEE, SSRS
Functional experience	Banking Home Mortgage, Risk Management. Health care, Insurance

PROFFESIONAL EXPERIENCE:

Partnership Health plan of California   Feb'20-Curren - Feb'23
Role: Sr. Data Analyst

Responsibilities:
- Work **collaboratively with business partners** in all areas of the organization, analysts, SMEs and IT to gather and integrate data from disparate sources into data mart.
- Assist in defining Analytics needs and data base requirements. Analyze existing reports and data tables for improvement opportunities going with the new Data Mart development.
- Document the **definitions**, **use cases, process flow,** and identify the key **mapping elements/data points**. communicate between business and development teams with updates or request for changes.
- Work closely with business SMEs to identify data elements, learn **process flow** to build **ER diagrams**. **work closely with IT in Conceptual, logical, and physical data model development process.** Document and communicate the updates, table relationships, and schema. And maintain **data dictionary**.
- Test for data inaccuracies, missing data, nulls, data type(int,str) consistency, query performance.
- Created and Maintained **data flow diagrams** for current and future **ETL projects**.
- Assist SQL development team and DBA with mapping, tables ER diagrams best suited for analytics and reporting teams during **ETL strategy and planning**. Hands on developing mapping and pipelines in Informatica.
- Created and Maintained **Data dictionary** to help teams migrate existing reporting and connections. And as future help.
- Respond to **ad hoc data requests** from business units and leadership. Built complex dashboards and reports using tableau desktop and published to server. Heavily used custom calculations, LODs and data governance standards in the process.
- Assists in design and development of **data collection strategies, aggregation**, analysis, and reporting to ensure data integrity and enhance information value.

- Participate in design and interpretation of data analysis. provide recommendations for improvement of data quality. Assesses reporting and automation requirements and develops appropriate solutions.
- Present data and conclusions to non-technical audience; uses data visualizations and summaries to highlight key findings.
- Create and maintains thorough and consistent documentation of programs used to create reports.
- Utilize SAS, SQL, Tableau, SSIS tools for Healthcare Data Analytics in areas such as–**, Population Health, Wellness & Recovery, Health Care utilization, Providers Visits/Performance, Revenue Cycle Predictions.**
- Ownership of team's tableau server, guide analysts with tableau development. Vision long term and adhoc tableau pipeline.
- Maintain in-depth knowledge of health plan operations, including claims processing, utilization management, quality improvement activities and pay for performance programs.

Client: PNC Bank, Pittsburgh   *Oct'18-Jan'20*
Pinnacle Technologies
Role: AWS ETL Developer

Responsibilities:

- Worked closely with MOCS application services and operations team on ETL development efforts including analysis and design of integration solutions, data and reporting needs of internal and external stakeholders, and enhancement related to applications and services.
- Worked with external tables in Redshift to load the file from S3.
- Utilized AWS Services Subnets EC2, S3, CloudFront, SNS, SQS, RDS, IAM, CloudWatch and CloudFormation focusing on high availability.
- Worked with Matillion ETL tool in AWS to create SCD I and SCD II mapping to load data into Redshift.

- Hands on experience on Amazon Event bridge, AWS step functions, Elastic search.
- Worked on performance tuning and support of ETL, Database jobs.
- Worked on Code commit for source control and versioning.
- Worked with Unix scripts to encrypt and FTP the files to S3 bucket.
- Worked on daily jobs to move the files from remote host to S3 environment.
- Designed Stage jobs to pick the data files from S3 to redshift staging layer.
- Designed transformation jobs from stage table to Redshift target tables as per the requirement for TYPE I and Type II
- Worked on create Python Script to start and stop the EC2 instances in AWS.
- Worked with Informatica ETL tool to develop SCD I and SCD II mapping.
- Worked on Informatica on Cloud in AWS for POC to build source to Target mapping.
- Developed Informatica ETL code to load data in DWH tables.
- Testing of Informatica ETL jobs developed.
- Tuning of Informatica ETL jobs.
- Active in Knowledge Transfer and user training.
- Collaborate with business users to document, interpret, and analyze user requirements. Developed formal business glossary and other functional and technical documentation.

Client: PNC Financial Services Pittsburgh, PA	April'17-Oct'18

Pinnacle Technologies
Role: Informatica Developer/Data Analyst

Responsibilities:

- Working under ERM team as Data Analyst.
- Specifically working on Enterprise Level Issues data as part of Issues management team.
- Involved in gathering, analyzing, and documenting business requirements and functional requirements and data specifications from users and transformed them into technical specifications.
- Extracted data from various sources and load into tables. Based on the requirements, used various transformations like Source Qualifier, Expression, Filter, B2B, Router, Update strategy, Sorter, Lookup, Aggregator and Joiner in the mapping.
- Implemented incremental loads, Change Data capture and Incremental Aggregation
- Extensively written complex SQL quires to extract data from sources and load into the target tables.
- Identified performance bottlenecks and involved in performance tuning of sources, targets, mappings, transformations and
- sessions to optimize session performance.
- Developed SCD Type I mappings.
- Developed UNIX shell scripts to transfer files, archive files.
- Developed UNIX shell scripts to validate header, trailer, and validate source files before extracting.
- Practiced Agile methodology while implementing projects.
- Promoted reports from test to QA and QA to production after testing has been done. Involved in the all the testing phases.
- Built charts with drill down functionality, interactive dashboards.
- Built trending comparative reports such as month over month etc.
- Used calculation features calculated fields, Table calculations etc. To create new dimensions/measures needs to perform analysis and reporting.
- Extensively Use Data joining and Data Blending Techniques.
- Active in Knowledge Transfer and user training.
- Collaborate with business users to document, interpret, and analyze user requirements. Developed formal business glossary and other functional and technical documentation.

Client: Vigna, Charlotte NC.	June'16-Feb'17

Role: ETL Developer

Responsibilities:

- Extracted data from various sources like flat files, XML files, oracle and loaded into tables.
- Worked on Informatica 10.1 client tools like Source Analyzer, Warehouse Designer, Mapping Designer, Workflow Manager

and Workflow Monitor.
- Based on the requirements, used various transformations like Source Qualifier, Expression, Filter, B2B, Router, Update strategy, Sorter, Lookup, Aggregator and Joiner in the mapping.
- Created complex mappings using the Mapping designer, respective workflows and worklets using the Workflow manager.
- Troubleshooted the mappings using the Debugger and improved the data loading efficiency using Sql-overrides and Lookup. Sql overrides.
- Developed SCD I and SCD type II mappings using MD5 logic.
- Implemented incremental loads, Change Data capture and Incremental Aggregation.
- Created UNIX shell scripts to encrypt and decrypt the files, move the files, archive the files, and split the files.
- Developed UNIX Shell Scripts and SQLs to get data from Oracle tables.
- Created stored procedures, functions, and triggers to load data into summary tables.
- Extensively written complex SQLs to extract data from sources and load into the target tables.
- Implemented parallelism in loads by partitioning workflows using Key Range partitioning.
- Worked on MDM manual maintenance to add, delete, update or merge data.
- Experience in MDM implementation including data profiling, data migration and pre landing processing.
- Created Informatica Data Quality Services like (Data Integration service, Analyst service & Content Management Service) and experience in using Informatica Developer and Analyst Tool.
- Experience in Informatica Administration creating repository services, Integration services and hands on Admin console, command line utilities in Informatica.
- Practiced agile methodology while strategizing and implementing solutions.
- Scheduled Informatica Workflow's using TWS scheduling tool.