**Vinisha**

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Ms. Vinisha is a Data Engineering Specialist having 9+ years of experience working with different Cloud Computing Technologies Microsoft Azure Data factory and Data Warehousing tools at Accenture. Ms. Vinisha has deep interest and good knowledge to understand data, solve business problem, get insights and provide solutions using data. She has good hands on experience with Microsoft Azure Data Factory, Data Warehousing Tools( Informatic Power Center Designer, Informatic Workflow Manager, Informatic Workflow Monitor and Informatic Repository Manager),Informatica Data Quality(**IDQ**) and Informatica Bigdata Management(**BDM**) and Databases Oracle, **PostgreSQL,** SQL Server and Flat files, Csv, XML files and also good understanding of bigdata technologies - Hadoop, Apache Spark, Scala, Hive, Impala. Ms. Vinisha’s experience includes handling large amount data - structured and unstructured. She is a team player and works along with the team to create multiple data driven applications to solve core Business Problems across multiple domains and clients.

**Technical Skills**

**Cloud Technologies:** Microsoft Azure, Azure Data Factory, Azure Data Lake, Azure Blob Storage, Azure Synapse, Azure Databricks, Azure Notebooks, Azure Data Explorer, Azure Monitor

**Data Warehousing & ETL Tools:** Informatic Power Center 10, 9.6.1, 9.5.1, 8.6.1, Informatica Data Quality(**IDQ**) 9.x, Informatica Bigdata Management(**BDM**), Apache Spark, Scala, Hive, Impala, ION (Intelligent Open Network), Business Intelligence, FACT & Dimensions tables, Physical & logical data modeling

**RDBMS:** Oracle 11g/12c, **PostgreSQL**, MS SQL Server 2008

**Database Languages:** SQL, PL/SQL, SQL Plus, TOAD

**Programming Languages:** C, C++, UNIX Shell Scripting, Scala

**Office Package:** 2000, 2003, 2007 and 2013

**Environment:** HP-UNIX, Windows2000/NT, Windows XP/Vista/7

**Scheduling Tools:** Informatica Scheduler, TWS Maestro, Autosys

**Bug Tracking Systems:** Jira, HP Quality Center, HPSM

**Other Tools:** Putty, WinSCP, Beyond Compare

**Certifications: AZ-900 Azure Fundamentals.**

**Professional Experience**

**Accenture: Nov 2018- Present**

**Project Description:** Leading CPG Client, Manage, architect and analyze big data in order to build data driven insights and high impact data models. Create a value chain to help address the challenges of acquiring data, evaluating its value, distilling & analyzing. Examine data from multiple sources and share insights which provide competitive advantage. Contribute to assets/offerings and thought leadership. Act as Subject Matter Expert in area of expertise and enhance Accenture’s marketplace reputation.

**Responsibilities:**

Data Ingestion Specialist for a leading CPG using Microsoft Azure Data Factory.

* Closely worked with the Architects/Market teams to understand the requirement and involved in creating the required documents and pipelines for multiple countries.
* Data Ingestion tasks involved creating data glossary sheet, E2E documentation, SOP, Hand over documents.
* Involved in Analyzing the source files provided by different market teams and actively with other team members to make them understand the requirements.
* Building the Ingestion pipelines, triggers for all the required data sets and countries as per the requirements provided by Market teams.
* Created pipelines using multiple activities like **Copy(Datasets), JAR, Notebooks, Stored Procedures, Lookup, GetMetadata, Foreach, If Condition, Delete, Execute Pipeline.**
* Created Triggers which are **Yearly, Monthly, Weekly, Daily and Date Range.**
* Actively involved with all the different team members for analyzing the issues and providing quick solutions.
* Handled multiple Adhoc requests from multiple Countries.
* Handled code and data movement from DEV/UAT to PROD environments for different countries.
* Involved in code review for pipelines created.
* Involved in data validation in each and every layer so that data is pushed accurately till DW.
* Provided KT to Devops team how to monitor and handle daily issues in Production.
* Helped new team members to understand the requirement whenever required.

**Environment:** Microsoft Azure, Azure Data Factory, Azure Data Lake, Azure Blob Storage, Azure Synapse, Azure Databricks, Azure Notebooks, Azure Data Explorer, Azure Monitor, Spark Scala.

**Accenture: April 2017 – Oct 2018**

**Project Description:** Pharma company, is a global provider of technology-enhanced clinical trial solutions and supports the [Medical Imaging](http://www.bioclinica.com/imaging), [eClinical](http://www.bioclinica.com/eclinical), and [Cardiac Safety](http://www.bioclinica.com/cardiac-safety) needs of a clinical trial. Bioclinica maintains four different data warehouses. BioWarehouse, BioPac, StudyDirect, RadSTART, DXAsure, Salesforce and Webheart. These data warehouses have been internally implemented or have come through acquisitions. The data warehouses cater to both internal and external needs. Data is loaded on incrementally, daily, weekly, monthly and quarterly frequency. At present the data processing, storage and reporting layers have been implemented using multiple technologies. Informatica ETL Platform is intended to consolidate all the Imaging Operations data into a single platform.

**Responsibilities:**

* Worked closely with Business Analyst and Architects to understand business requirements and convert that to functional and technical specifications and get it signed off by the users.
* Co-ordination with Business users to understand Business Requirement.
* Involved in preparing Technical Design document and Source to target mapping document.
* Built and maintaining strong business relationships with cross functional team.
* Worked on developing mappings for loading data from **Oracle, PostgreSQL, SQL Server, SalesForce, Postgres** into **Oracle** tables using Informatica Power Center 10 .
* Worked on transformations Source Qualifier, Expression, Lookup, Router, Filter, Joiner, Transactional Control and Update Strategy.
* Worked on Daily and Incremental loads.
* Involved in code review for mappings, sessions and workflows.
* Used debugger in identifying bugs in existing mappings by analyzing data flow and evaluating transformations.
* Used session and workflow logs to identify and debug the issues.
* Created sessions with **Partitioning (Key Range** and **Pass Through)** to achieve good performance.
* Setting up KT session with Delivery team to understand business requirements and functional document.
* Performed migration requests from lower environments to higher environments of ETL code.
* Created a list of the inconsistencies in the data load on the source side so as to review and correct the issues.
* Extensively used SQL developer utility for executing SQL scripts and worked on SQL for creating database tables.

**Environment:** Informatica Power Center 10, Oracle, PostgreSQL, SQL Developer, Flat Files, Informatica Workflow Schedular.

**Client: Hewlett Packard, Houston, TX March 2016 – October2016**

**Project Description:** The **Aurora** program is a comprehensive program that encompasses many aspects of HPI Contra and Channel Data Management (CCDM) business capability. One of the key program elements is the replacement of existing CCDM systems with the SaaS offerings provided by Zyme Solutions. This offering consists of TrueData/TrueID that will replace existing HPI Channel Data Management (CDM) systems and Channel View Incentives that will replace existing HPI Partner Compensation (PComp) and Financial Claims Management (FCM) systems.

**Responsibilities:**

* Prepared detail technical design documents for all the requirements to ensure accuracy and completeness against the requirements and assign them to the team.
* Worked closely with business users/Stake Holders to understand business requirements and convert that to functional and technical specifications and get it signed off by the users.
* Involved in preparing Technical Design document and Source to target mapping document.
* Built and maintaining strong business relationships with cross functional team.
* Responsible for coordinating with offshore development team to build the deliverables and track/report the status to project management on a weekly basis.
* Worked on developing mappings for loading data from **flat files** and **Oracle** into Oracle tables using Informatica Power Center 9.6.1.
* Worked on transformation Source Qualifier, Expression, Router, Filter and Update Strategy.
* Created ETL design document with the help of data requirements specification (DRS) vs database tables.
* Worked on deriving test strategies for various types of data loads & data comparisons.
* Involved in code review for mappings, sessions, workflows & UNIX files used for job run.
* Used debugger in identifying bugs in existing mappings by analyzing data flow and evaluating transformations.
* Developed and optimized complex queries for data retrieval and modification using Explain plan, SQL Trace Utilities for better performance.
* Setting up KT session with Delivery team to understand business requirements and functional document.
* Performed migration requests from lower environments to higher environments of ETL code.
* Created a list of the inconsistencies in the data load on the source side so as to review and correct the issues.
* Extensively used SQL developer utility for executing SQL scripts and worked on SQL for creating database tables.
* Provide **technical support** and respond to error reports, problems or questions.
* Conducting daily standup meetings and assigning work to the team members.
* Mentoring and monitoring the performance of the team members.
* Followed Informatica recommendations, methodologies and best practices.

**Environment:** Informatica Power Center 9.6.1, Oracle, SQL Developer, Flat Files, UNIX, Tidal Scheduler.

**Client: Infor Global Solutions, Hyderabad, India September 2013–February 2016**

**Project Description:** The main objective of the **Sales and Reporting** project is to help the decision making team of the organization, to monitor/improve the sales and to explore avenues for new business opportunities. This project includes developing Data warehouse from different data feeds and other operational data sources. Built a central Database where data comes from different sources like oracle, SQL server and flat files.

**Responsibilities:**

* Involved in all phases of SDLC from requirement, design, development, testing and support for PROD environment.
* Gather requirements from business and end users for project that include reports, extract file and data update and built Business Requirement Document.
* Collaborate with analysts to ensure projects are developed as per user requirements
* Good understanding of data and relational databases and technical data design
* Extracted data from different sources like Oracle, Teradata, Flat files and loaded into centralized oracle database.
* Accomplished data movement process that load data from Oracle to **Oracle** improved the design of Extract and Load specifications.
* Developed mappings using Mapping Designer and worked with **Aggregator, Lookup (connected and unconnected), Filter, Router, Joiner, Source Qualifier, Expression, Stored Procedure, XML Generator, Sorter** and **Sequence Generator transformations**.
* Worked with different transformations like **Case Converter, Labeler, Standardizer, Address Validator, Match, Consolidation, Filter, Parser and Key Generator** in **Informatica Data Quality**.
* Develops test plans to verify logic of new or modified programs.
* Provide technical support and respond to error reports, problems or questions.

**Environment:** Informatica Power Center 9.6.1, Informatica Data Quality, TOAD, Oracle, Teradata, UNIX, HEAT, TWS Scheduling (Maestro).

**Client: Infor Global Solutions, Hyderabad, India April 2012 – August 2013**

**Project Description:** The scope of **TRACS** project is to build a data mart for customer service department and claims division to integrate all the information into the data. It enables an insight to the customer service and claims teams for better decisions based on the reports generated from this data mart.

**Responsibilities:**

* Involved in requirements gathering, designing, development, unit testing.
* Involved in developing source to target mapping document, technical design document and business relationship document.
* Developed mappings for loading data from source objects to txt files, target tables and created sessions, workflows for the mappings based on the business rules and standards.
* Developed mappings using transformations connected lookup, unconnected lookup, aggregator, router, filter, expression.
* Developed data Mappings between source systems and warehouse components.
* Created Pre/Post Session/SQL commands in sessions and mappings on the target instance.
* Imported Source and Target definitions, developed mappings, performed unit testing using Informatica Data Quality tool.
* Imported xml file from Informatica Data Quality to Informatica Power Center tool.
* Designed and developed Informatica workflows, mappings, mapplets, transformations and DDL scripts to create database object.
* Good communication skill to work with client, business users and team members.
* Strong problem solving skills and able to work independently with minimum supervision.

**Environment:** Informatica Power Center 9.x, Informatica Data Quality, UNIX, Oracle 11g, Flat files, SQL server, SQL Developer

**Client: Infor Global Solutions, Hyderabad, India June 2010 – March 2012**

**Project Description:** The objective of the **Financial Data Store** project is to create operational data store, the data is extracted from different source systems and consolidates into enterprise data warehouse. The application would present users with timely information on revenue, cost, profitability, volumes, productivity and revenue generated by region, market segment. The application would present users with information for analysis with the help of Business Objects Ad-hoc reporting Universe.

**Responsibilities:**

* Involved in designing technical specifications for new applications.
* Used Informatica Designer to create mappings using different transformations to move data to a source tables to target tables.
* Developed mappings in Informatica to load the data from various sources into the Data Warehouse, using different transformations like Source Qualifier, Expression, Lookup, aggregate, Update Strategy, and Joiner.
* Worked on mapping parameters, mapping variables and parameter files.
* Monitor the workflow using workflow monitor and also used to stop, Abort and cancel the sessions while running.
* Involved in the production support of the Informatica applications.
* Experienced in working with tools like TOAD, SQL Server Management studio and SQL plus for development and customization.
* Strong verbal, written and interpersonal skills with ability to communicate effectively across organizational lines and with virtual team members.

**Environment:** Informatica Power Center 8.0 Work Flow Manager/Monitor, Oracle 10g/9i, SQL, PL/SQL, SQL Loader, UNIX Shell Scripting, Win 2000/NT.

**EDUCATION**

* Bachelor of Technology in Computer Science (Swami Vivekananda Institute of Technology, J.N.T.U Hyderabad)