**PROFESSIONAL SUMMARY**

* Expertise in Data Warehouse/Data mart, ODS, OLTP and OLAP implementations teamed with project scope, Analysis, requirements gathering, data modeling, Effort Estimation, ETL Design, development, System testing, Implementation and production support.
* Strong Experience in Implementation of ETL/DWH projects using Amazon Web Services, Informatica Power Center 10.1, Test Data Management, PL/SQL, and Unix Shell Scripts.
* Extensive Experience in AWS services like Kinesis, Direct Connect, S3, EC2, Dynamo DB, EMR, Redshift, Elastic Search, Quicksight, RDS and Elastic Load Balancer.
* Extensive experience with ETL tool Informatica in designing the Workflows, Worklets, Mappings, Configuring the Informatica Server and scheduling the Workflows and sessions using Informatica Power Center 10.1/9.1 and 8.6.
* Experience in designing and developing complex mappings from varied transformation logic like Unconnected and Connected lookups, Source Qualifier, Router, Filter, Expression, Aggregator, Joiner, Update Strategy, Java, Stored Procedure etc.
* Worked on Performance Tuning, identifying and resolving performance bottlenecks in various levels like sources, targets, mappings and sessions.
* Proficient in the Integration of various data sources with multiple relational databases like Oracle12c /Oracle11g, MS SQL Server, DB2, UDB and Flat Files into the staging area, ODS, Data Warehouse and Data Mart.
* Extensive experience in developing Stored Procedures, Packages, Functions, Views, materialized views, Triggers, Complex SQL queries, Cursors, Ref Cursors, GT table, synonyms, External tables, sequences and database links using Oracle PL/SQL.
* Experience in using DevOps tools like SVN, GIT, Harvest, UDeploy, and Jenkins.
* Experience in Task Automation using UNIX Scripts, Job scheduling and Communicating with Server using pmcmd.
* Experience in mentoring and providing knowledge transfer to team members, support teams and customers.
* Worked on various operating systems like Linux, RHEL, Ubuntu, Windows, MAC, CentOS.
* Possess high working qualities with good interpersonal skills, high motivation, fast learner, good team player and very proactive in problem solving to provide best solutions.

**Technical Skills**

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| --- | --- |
| **GUI tools** | Amazon Web Services, TOAD, SQL Developer, PLSQL Developer, Sql\*Plus, QMF for Windows, WinSCP, Putty, SQL Loader, CA Workstation (ESP Scheduler), SQL Workbench, DAC. |
| **ETL/BI Tools** | Informatica Power Center 9.x,10.x, Datastage, Amazon Quicksight, PowerBI. |
| **Languages** | Python, Java, C, C++, SQL, PL/SQL, Cobol, Unix Shell Scripting. |
| **Database Systems** | Oracle 12c/11g, IBM DB2, Sql Server, IMS-DB, MySQL,Postgres,AWS (Redshift,RDS) ,MongoBD , Postgresql, Aurora. |
| **NoSQL Databases** | AWS Dynamo DB, MongoDB. |
| **Agile Tools** | Rally, Jira. |
| **Integration** | SVN, GIT, UDeploy, Jenkins. |

**Education:**

* Bachelor of Technology, Electronics and Communication Engineering, JNTU University, Hyderabad, India

**Certifications:**

* Amazon Web Services Certified Solutions Architect - Associate.
* Amazon Web Services Certified Developer - Associate.

**PROFESSIONAL EXPERIENCE**

**Employer: APPTAD, CT Jan 2018 – Present**

**Client: Gartner**

**Role: Data Architect**

**Job Duties:**

* Understanding the Business requirements based on Functional specification to design the ETL methodology in technical specifications.
* Developed Visualizations in AWS Quicksight using RDS, Athena, S3 and AWS Redshift.
* Developed data conversion/quality/cleansing rules and executed data cleansing activities such as data Consolidation, standardization for the unstructured flat file data.
* Developed and used Stored Procedures, Packages, Functions, and Views, materialized views, Triggers, Complex SQL queries, Cursors, Ref Cursors, GT table, synonyms, External tables, sequences and database links using Oracle PL/SQL.
* Responsible for developing, support and maintenance for the ETL (Extract, Transform and Load) processes using Informatica Power Center 9.x.
* Worked on integration of heterogeneous data sources like Oracle, DB2, SQL Server and Flat Files (Fixed & delimited) into Staging Area.
* Wrote SQL-Overrides and used filter conditions in source qualifier thereby improving the performance of the mapping.
* Designed and developed mappings using Source Qualifier, Expression, Lookup, Router, Aggregator, Filter, Sequence Generator, Stored Procedure, Update Strategy, joiner and Rank transformations.
* Managed the Metadata associated with the ETL processes used to populate the Data Warehouse.
* Implemented complex business rules in Informatica Power Center by creating re-usable transformations, and robust Mapplets.
* Implemented performance tuning of Sources, Targets, Mappings and Sessions by identifying bottlenecks and used Debugger to debug the complex mappings and fix them.
* Worked with Functional team to make sure required data has been extracted and loaded and performed the Unit Testing and fixed the errors to meet the requirements.
* Migrated applications from internal data center to AWS.
* Used Type 1 SCD and Type 2 SCD mappings to update slowly Changing Dimension Tables.
* Experience with coordinating and leading offshore development.

**Employer: Tata Consultancy Services Limited, CT**  **Jun 2014 –Dec 2017**

**Client: Cigna**

**Role: ETL/Cloud Developer**

**Job Duties:**

* Responsible for architecting, designing, implementing and supporting of ETL and cloud based infrastructure and its solutions.
* Created S3 buckets in the AWS environment to store files, sometimes which are required to serve static content for a web application.
* Implemented S3 Versioning and lifecycle policies to backup files and archive files in Glacier.
* Used Informatica Power Center Designer analyzed the source data to Extract & Transform from various source systems (oracle 12c, DB2, SQL server and flat files) by incorporating business rules using different objects and functions that the tool supports.
* Used Informatica Power Center mappings and mapplets to transform the data according to the business rules.
* Used various transformations like Source Qualifier, Joiner, Lookup, Sql, and router, Filter, Expression and Update Strategy.
* Resolved on-going maintenance issues and bug fixes and Monitored Informatica sessions as well as performance tuning of mappings and sessions.
* Implemented slowly changing dimensions (SCD) for some of the Tables as per user requirement.
* Developed Stored Procedures and used them in Stored Procedure transformation for data processing and have used data migration tools
* Documented Informatica mappings in Excel spread sheet.
* Tuned the Informatica mappings for optimal load performance.
* Created and Configured Workflows and Sessions to transport the data to target warehouse Oracle tables using Informatica Workflow Manager.
* Worked along with UNIX team for writing UNIX shell scripts to customize the server scheduling jobs.
* Worked with Static, Dynamic and Persistent Cache in lookup transformation for better throughput of Sessions.
* Used PMCMD command to automate the Power Center sessions and workflows through UNIX.
* Improved session Performance by enabling property incremental aggregation to load incremental data into target table.
* Used Session parameters, Mapping variable/parameters and created Parameter files for imparting flexible runs of workflows based on changing variable values.
* Prepared test Scenarios and Test cases in HP Quality Center and involved in unit testing of mappings, system testing and user acceptance testing.

**Employer: Tata Consultancy Services Limited, CT**  **Oct 2012 – May 2014**

**Client: Cigna**

**Role: ETL**

**Job Duties:**

* Prepared documentation for the user guidance.
* Interacted with Data Modelers and Business Analysts to understand the requirements and the impact of the ETL on the business.
* Designed ETL specification documents for all the projects.
* Extracted data from Flat files, DB2, SQL and Oracle to build an Operation Data Source.
* Maintained source and target mappings, transformation logic and processes to reflect the changing business environment over time.
* Extensively used the Add Currently Processed Flat File Name port to load the flat file name.
* Worked on complex Source Qualifier queries, Pre-and Post SQL queries in the Target.
* Worked on different tasks in Workflow Manager like Sessions, Events raise, Event wait, Decision, E-mail, Command, Worklets, Assignment, Timer and Scheduling of the workflow.
* Extensively used workflow variables, mapping parameters and mapping variables.
* Created sessions, batches for incremental load into staging tables and scheduled them to run daily.
* Written documentation to describe program development, logic, coding, testing, changes and corrections.
* Migrated the code into QA (Testing) and supported QA team and UAT (User).
* Created detailed Unit Test Document with all possible Test cases/Scripts.
* Modified existing mappings for enhancements of new business requirements.
* Prepared migration document to move the mappings from development to testing and then to production repositories.

**Employer: Tata Consultancy Services Limited, CT**  **Jan 2011 – Sep 2012**

**Client: Chrysler**

**Role: ETL Developer**

**Job Duties:**

* Used Informatica PowerCenter Designer to analyze the source data to Extract & Transform from various source systems (oracle 11g, DB2, SQL server and flat files) by incorporating business rules using different objects and functions that the tool supports.
* Using Informatica PowerCenter created mappings and mapplets to transform the data according to the business rules.
* Used various transformations like Source Qualifier, Joiner, Lookup, sql, Router, Filter, Expression and Java.
* Implemented slowly changing dimensions (SCD) for some of the Tables as per user requirement.
* Developed Stored Procedures and used them in Stored Procedure transformation for data processing and have used data migration tools
* Documented Informatica mappings in Excel spread sheet.
* Created and Configured Workflows and Sessions to transport the data to target warehouse Oracle tables using Informatica Workflow Manager.