**SEJAL PATEL**

**ETL Informatica Developer**

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‬**PROFESSIONAL SUMMARY:**

* **5+ years** of IT experience with expertise in **analysis, design, development,** and **implementation** of **Data warehouses, data marts,** and Decision Support Systems (DSS) using **ETL tools Informatica Power Center** with RDBMS like **Oracle, MS SQL Server,** etc.
* Excellent experience in **designing and development** of **ETL** Methodology using **Informatica PowerCenter 10.5,10.2,9.6.1,9.1.1**
* Having experience in working with ORACLE 11g/10g, MySQL, SQL Server 2012/2014
* **Worked extensively in design and analysis of** Requirements, Development, Testing and Production deployment.
* **Prepared various types of documents like** requirements gathering, ETL specification, Data Mapping, Test cases, Data **dictionary etc.**
* Expert in writing **SQL query** using multiple databases like **ORACLE, SQL Server, Teradata, MySQL etc.**
* Experience in integration of various data sources into the **staging area**.
* Performed Unit testing, System testing, Integration testing, and users for **UAT** and prepared test report in different phases of a project.
* Extensive experience with Data **Extraction**, **Transformation**, and **Loading** (ETL) from Multiple Sources.
* Designed and developed complex mappings, Mapplets, tasks and workflows and **tuned** it.
* **Experience in** Debugging and Performance tuning **of targets, sources, mappings, and sessions in Informatica.**
* **Experience in** optimizing the Mappings **and implementing complex business rules by creating re-usable transformations like** Mapplets**.**
* **Extensively used the** Slowly Changing Dimension (SCD) **technique in business applications.**
* Experience in **Performance tuning of ETL process** using **pushdown optimization** and other techniques. Reduced the execution time for **huge volumes** of data for company merger projects. Heavily created M**applets, user-defined functions, reusable transformations, and look-ups**.
* Conducted **Unit tests, Integration tests, and Customer Acceptance tests (UAT)**.
* Working experience in **Agile** and **Waterfall** methodologies.

**EDUCATION:**

* Master from Gujarat University, India

**TECHNICAL SKILLS**

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| ETL TECHNOLOGY | **Informatica PowerCenter 10.5, 10.2, Power Exchange, Informatica Intelligent cloud services(IDMC)** |
| DATA WAREHOUSE | Star Schema, Snowflake schema |
| DATABASES | Oracle 12c/11g/10g, SQL Server 2017/2014, MySQL |
| PROGRAMMING | SQL, UNIX Scripting |
| APPLICATIONS | MS Office, Toad 9.2/8.6 |
| ****Others**** | TOAD, SQL\*PLUS, WinSCP, Putty, Rally, SecureFX, Mainframe, Tableau |

**PROFESSIONAL EXPERIENCE**

**Client: PNC Bank, Pittsburgh, PA July 2022 to Current**

**Role: ETL Informatica Developer**

**Description:** PNC Bank offers a wide range of personal banking services including checking and savings accounts, credit cards, mortgage loans, auto loans, and much more

**Responsibilities:**

* Worked on Power Center Designer tools like Source Analyzer, Mapping Designer, Mapplet Designer and

Transformation Developer.

* Developed mappings using Informatica and performed tuning of mappings for better and more efficient performance.
* Analyzed the **existing mapping** logic to determine the **reusability** of the code.
* Created **Mapping Parameters, Session parameters, Mapping Variables,** and **Session Variables**.
* Implemented **SCD** Type-1 and Type-2 using informatica mapping.
* Integrated different tasks and sessions for the workflow using workflow manager.
* Performed **Unit testing** and **data validation** for different scenarios, supported **System testing, Regression testing** and **UAT.**
* Used **Power Exchange** to read source data from mainframe systems and power center for ETL and DB as targets.
* Used Debugger within the Mapping Designer to test the data flow between source and target and to

troubleshoot the invalid mappings.

* Performed ETL and database code **migrations** across environments using **deployment groups.**
* Populated the business rules using mappings into the target tables.
* Managed performance and tuning of **SQL queries** and fixed the slow-running queries in production.
* Modified **UNIX scripts** to run informatica workflow.
* Effectively met the deadline by completing given tasks in a timely manner.
* Migrated ETL workflows, Mappings, and Sessions to QA and Production environment.
* Updated existing mappings to meet new requirements.

**Environment:** Informatica PowerCenter 10.2, Cognos 11, SQL, Oracle 11g, TOAD, Control M, Shell Scripting, Rally

**Client: Charles Schwab, Austin, TX Jan 2020 to June 2022**

**Role: ETL Informatica Developer**

**Description:** Charles Schwab is a different kind of investment services firm – one that strives to disrupt the status quo of the traditional Wall Street approach on behalf of their clients. they provide a full range of brokerage, banking and financial advisory services. Its broker-dealer subsidiary, Charles Schwab offers investment services and products. Its banking subsidiary, Charles Schwab Bank provides deposit and lending services and products.

The goal of this project to integrate its daily transactional data into a central data warehouse to serve multiple purpose including enterprise reporting needs using ETL Informatica tool into Oracle target tables/views.

**Responsibilities:**

* Worked with business analyst for requirement gathering, business analysis, testing, business process descriptions, scenarios and workflow analysis.
* **Prepared source to target mapping** and conducted meetings with the business to understand data / transformation logic**.**
* Analyzed the **existing mapping** logic to determine the **reusability** of the code.
* Created **Mapping Parameters, Session parameters, Mapping Variables** and **Session Variables**.
* Created **Unit test plans** and did unit testing using different scenarios separately for every process. Involved in System test, **Regression test and supported the UAT** for the client.
* Performing ETL and database code **migrations** across environments using **deployment groups.**
* Populating the business rules using mappings into the target tables.
* Involved in end-to-end system testing, performance and regression testing and data validations.
* Managed performance and tuning of SQL queries and fixed the slow running queries in production.
* Modified UNIX scripts to run informatica workflow.
* Tuned the mappings by removing the Source/Target **bottlenecks** and Expressions to improve the throughput of the data loads.
* Created different parameter files and started sessions using these parameter files using **pmcmd** command to change session parameters, **mapping parameters**, and variables at runtime.

**Environment:** Informatica PowerCenter 10.2, Cognos 11, SQL, Oracle 11g, TOAD, Control M, Shell Scripting, Rally

**Client: Cullen/Frost Bankers, Inc., San Antonio, TX Mar 2018 to Jan 2020**

**Role: ETL Informatica Developer**

**Description:** Cullen/Frost Bankers, Inc. operates as the bank holding company for Frost Bank that offers commercial and consumer banking services in Texas. The company offers consumer banking services, such as checking accounts, savings programs, automated-teller machines (ATMs), overdraft facilities, installment and real estate loans, home equity loans and lines of credit, drive-in and night deposit services, safe deposit facilities, and brokerage services. This project help client and Stakeholder on long-term decision-making, strategic plans, support and solutions giving mainstream users the ability to access and analyze and help stakeholder to automate extract process for down line application.

**Responsibilities:**

* Actively involved in interacting with business users to record user requirements and Business Analysis.
* Documented **Data Mappings/ Transformations** as per the business requirement.
* Created mappings using **Designer** and extracted data from various sources, transformed data according to the requirement.
* Developed the Informatica Mappings by usage of **Aggregator**, SQL overrides usage in **Lookups**, source filter usage in Source qualifiers, and data flow management into multiple targets using Router.
* Created Sessions and extracted data from various sources, transformed data according to the requirement and loading into data warehouse tables.
* Developed several reusable transformations and **mapplets** that were used in other mappings.
* Developed transformation logic as per the requirement, created mappings and loaded data into respective targets.
* Used SQL tools like TOAD to run SQL queries to view and validate the data loaded into the warehouse.
* Created summarized tables, control tables, staging tables to improve the system performance and as a source for immediate recovery of database.
* Migrated **Mappings, Sessions, Workflows** from Development to Test and then to **UAT environment**.
* Wrote hundreds **of SQL query** for **data analysis** to validate the input data against **business rules**.
* Responsible for determining the bottlenecks and fixing the **bottlenecks with performance tuning**.
* Extensively worked on Unit testing for the Informatica code **using SQL Queries and Debugger**.
* Improved performance testing in **Mapping and the session level.**
* Coordinated with multiple teams to run Informatica jobs for loading historical data in production.
* Maintaining bug, status using **JIRA** tool

**Environment:** Informatica PowerCenter 9.6.1, SQL Server 2017, Shell Scripts, ORACLE 11g, SQL, UNIX, Toad, SQL Developer, Cognos 9, JIRA

**Client: Client: Anthem, Inc., Chicago, IL Jul 2016 to Mar 2018**

**Project: Insurance Data Mart**

**Role: ETL Informatica Developer**

**Description**: Anthem, Inc. operates as a health benefits company in the United States. The objective of this project is to integrate Medicare Business data from multiple source system into data mart and support it stakeholder for making better decision. This project involves building a data warehouse by consolidating data from a variety of systems into a central data warehouse and storing historical information. This helped the management to quickly identify trends and respond to changing market and economic conditions by achieving its continued goals of excellent customer service and solid financial performance. Informatica tools used for data integration and Cognos for enterprise reporting needs.

**Responsibilities:**

* Worked on Power Center Designer tools like Source Analyzer, Mapping Designer, Mapplet Designer and Transformation Developer.
* Used Debugger within the Mapping Designer to test the data flow between source and target and to troubleshoot the invalid mappings.
* Created Mappings using Mapping Designer to load the data from various sources, using different transformations like Source Qualifier, Expression, Lookup (Connected and Unconnected), Aggregator, Update Strategy, Joiner, Filter, and Sorter transformations.
* Used SQL to analyze source data, performed data analysis and validate the data.
* Studying the existing system and conducting reviews to provide a unified view of the program.
* Extensively worked on Mapping Variables, Mapping Parameters, Workflow Variables and Session Parameters.
* Involved in creating Informatica mappings, Mapplets, worklets and workflows to populate the data from different sources to warehouse.
* Responsible to facilitate load testing and benchmarking the developed product with the set performance standards.
* Involved in testing the database using complex SQL scripts and handled the performance issues effectively.

**Environment**: Informatica Power Center 9.1.1, Oracle 11g, SQL , JIRA