SYED SIKANDER SHAH

ETL/ Informatica Intelligent Cloud Services Developer

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Professional Summary

* Around 9 years of IT experience in the designing and implementing of **Data Warehousing** and **Data Integration** including Requirement Gathering, Data Analysis, Design, Development, Testing and Production.
* Involved in all phases of the **SDLC** (Software Development Life Cycle) from analysis, design, development, testing, implementation and maintenance with timely delivery against aggressive deadlines.
* Experienced in various Business Domains including Health Care, Finance and Casualty Insurance, Manufacturing.
* Experience in developing **ETL** applications for Extraction, Transformation, and Loading into Data Warehouse/Data mart. Used tools like **Matillion**, **Informatica Power Center10.x/9.x/8.x/7.x** and **Informatica Cloud IICS** Designer Tools (Source Analyzer, Warehouse Designer, Mapping Designer, Mapplet Designer, and Transformation Developer), Workflow Manager Tools (Task Developer, Worklet and Workflow Designer).
* Experienced in various **AWS** services like **DynamoDB, S3 and Redshift**.
* Experience in creating Master Data spaces **(MDM) and data governance** rules creation**.**
* Experience with **Talend** integrating different on server and cloud base applications**.**
* Using Informatica **Power Exchange** tool to read data source from heterogynous source system such as variable and fixed length VSAM file.
* Extensively used **ETL** processes to load data from various source systems such as **DB2, Mainframe files, Oracle**, **SQL Server, Teradata**, **Flat Files, XML** files into target system by applying business logic on transformation mapping for inserting and updating records when loaded.
* Experience in **RDBMS** databases systems like **Oracle 12c/11g/10g/9i, DB2, Teradata, Squirrel** and **SQL Server**.
* Strong experience working on End-To-End implementation of Data warehouse and Strong understanding of Data warehouse concepts, **ETL**, **Star Schema**, **Snowflake**, **Data modeling** experience using **Normalization**, **FACT & Dimensions** tables, Physical & logical database design and modeling.
* Experience with **MSBI** tool. Building of **SSIS** packages and reporting through **SSRS.**
* Expertise in writing **T-SQL Queries**, BTEQ, Dynamic-queries, sub-queries and complex joins for generating Complex Stored Procedures, Triggers, User-defined Functions, Views and Cursors.
* Worked on generating BI Reports using **Tableau** & **Cognos** Reports.
* Familiar with getting requirements from Business users and having discussions with them to finalize requirements.
* Experience in preparing design documents and getting sign-off from Business users.
* Created action filters, parameters and calculated sets for preparing dashboards and worksheets in **Tableau**.
* Created **UNIX** shell scripts to run the Informatica workflows and controlling the ETL flow.
* Experience in the On-Line Transaction Processing (OLTP) database designing strategies
* Knowledge of Informatica administration in **windows** and **Linux** environment.
* Involved in the development of Informatica mappings and mapplets and also tuned them for optimum performance.
* Experience in implementing business rules by creating re-usable transformations.
* A good team player with inter-personal, analytical and documentation skills
* Have good communication, analytical, interpersonal and presentation skills.

Technical Skills

* ORACLE DATABASE, MS SQL SERVER, DB2, IBM MAINFRAME, SQUIRREL,  SQL SERVER, INFORMATICA CLOUD, POWERCENTER, PWX, MDM, TABLEAU, EXCEL, SSIS, SSRS VISIO, AGILE ENVIRONMENT, POWERPOINT, MS PROJECTS, ERP , DB2, ETL, PL/SQL, Oracle11c, Teradata, Windows, and UNIX Shell scripting, IDQ 10.1.1/9.6.1, Zena Scheduler, Talend, Autosys Scheduler.

Work Experience

# ETL/ IICS Developer

# Wellmark Blue Cross Blue Shield of Iowa – Des Moines, IA

# July 2020 to Present

Responsibilities:

* Attending daily stand-up meetings to discuss the progress details of **Devops** assigned stories with the scrum master, business analyst, product managers and other team members.
* Provide Data analysis to support new project definition/design as well as to troubleshoot/resolve issues with existing subject areas.
* Integration of different data sources like **Oracle ERP cloud, AWS, other RDBMS** databases on regular basis using Informatica **ETL powercenter** and **IICS** (Intelligent informatica cloud services) tool.
* Handling offshore teams via internal meetings, task distribution, story point allocation and pre sprint planning sessions.
* Collaborate with source system technical owners, **BI Architect,** and **AWS** resources to create data stream solutions to move data from on premise and cloud-based system to the data lake and data warehouse environment.
* Handling **API** configurations and ingestion patterns with **DynamoDB.**
* On daily basis creating mapping as per requirement to load data from on premises systems to Cloud AWS Redshift database
* Maintain a high volume, multi-terabyte 24/7 data warehouse application.
* Routine in-person or WebEx meetings with **Financial ERP team** and other business teams to review ongoing and upcoming sprints of the project and audits.
* Maintain **ETL/Data integration** agile management stories with delivery to dates to ensure Safe Agile processes are adhered to.
* Document preparation of all job-related work for the client records including knowledge transfer, logical, business requirements, functional and non-functional requirements, functional and technical design, data mapping, etc.
* Provide project status and progress updates to **BI Management team**.
* Trouble shooting and resolving of connectivity, server related and other minor issues.

Environment: IICS, Informatica PowerCenter 10.x/9.x, ETL, PL/SQL, DB2, Oracle11c, AWS, Teradata, SQL Server Windows, and UNIX Shell scripting.

# ETL/ MDM Consultant

# Blue Cross Blue Shield of Illinios – Chicago, IL

# April 2019 to June 2020

Responsibilities:

* Attending daily meetings to discuss the progress details of **MDM** (Master data Management) related processes with the business analyst, product managers and other team members.
* Integration of different data sources like **Accounting HUB**, **Oracle ERP cloud, AWS Snowflake, CVR, Data Lake** on regular basis using **Matillion ETL** tool.
* Regularly monitoring **MDM** and **Oracle ERP** databases for missing and inconsistent data. Solicits missing or correct information from data owners, and upload into MDM.
* Used best practices in coding and developed the mappings with high performance.
* Populated the **Staging tables** at AWS S3 with various Sources like Flat files (Fixed Width and Delimited), **Relational Tables** (SQL Server and Oracle).
* Loading the Tgt with CDC data to Datawarehouse built on AWS **Snowflake** DB
* Automating the regularly scheduled processes through **Zena Scheduler**.
* Installing Informatica **ILM and TDM**. Import sources and targets from Power Center and RDBMS, Main Frame files, XML, Flat files.
* Expertise in applying **Performance Tuning** techniques. Worked on ETL objects that were already in production and successfully modified to improve the performance.
* Performed technical walk-through as needed to communicate design/coded solution and to seek input from team members.
* Worked on supporting all the ETL Inbounds and Outbound of **TDM** in production environment with **SOA gateway**.
* Design, Development, Testing, and Implementation of ETL processes using **Matillion**
* Integrated Oracle cloud and SAP applications with SOAP & REST APis using **Matillion.**
* Use **IDQ** analyst tool to create rules and apply while running column profiling.
* Validated the current production data, existing data and the programming logic involved.
* Experience in **debugging ETL** jobs to check in for the errors and warnings associated with each Job run.
* Developed **UNIX** shell scripts to run the pmcmd functionality to start and stop sessions, batches, and scheduling workflows.
* Strong problem-solving skills. Helped production support teams in case of any issues in daily or monthly loads as a Level 3 support team member.

Environment: Matillion, MDM, AWS snowflake, S3, PL/SQL, DB2, Oracle11c, , Windows, and UNIX Shell scripting.

# ETL/ Informatica Developer

# Ebay – San Jose, CA

# Feb 2017 to Jan 2019

Responsibilities:

* Worked along with the **Business Analysts** for requirements gathering, business analysis, and testing and project coordination.
* Created Process and Technical Design Documents for the mappings that is built to load the dimensions in the data warehouse.
* Involved in all the phase of the project development, acceptance and production.  
  Optimization and Performance tuning of mappings to achieve high response times.
* Created reusable transformations and **Mapplets** and used them in various mappings.  
  Used various transformations like lookup, update strategy, router, filter, sequence generator, source qualifier/Joiner on data and extracted according to the business rules and technical specifications.
* Prepared Document for **Root Cause Analysis (RCA)**.  
  Extensively used **ETL** load data using PowerCenter from source systems like Flat Files and Excel Files into staging tables and load the data into the target database Oracle.
* Design and Development of **ETL** routines, using InformaticaPowerCenter within the Informatica Mappings, usage of Lookups, Ranking, Stored procedures, functions, SQL overrides usage in Lookups and source filter usage in Source qualifiers.
* **Debugging** and Trouble Shooting of Informatica Mappings.  
  Designed and developed stored procedures using **PL/SQL** and tuned SQL queries for better performance.
* Assisted in knowledge transfer to client personal for maintaining the environment after implementation.
* Written **Test scripts** and **Test cases** for testing and enhancements which were used by QA for unit testing and user acceptance testing.
* Configure the workflow, Tables and indexes using Oracle **Data warehouse Administration Console (DAC)** and monitor the job runs for full and incremental loads.
* Coordinated **User Acceptance Testing (UAT)** with the business users.
* Created Dashboards using **Power BI**.
* Replicated mapping from **SSIS** and re build them again in Informatica
* Building **SSIS** packages to load data from different sources and integrated them into a single data warehouse.
* Used **SSRS** reporting tools for reporting
* Created **SSIS** packages, extracted the data from heterogenous sources like Flat files, **Excel, SQL Server** and loaded it into the destination files by performing **ETL** (Extract, Transform and Load) operations including some transformation tasks such as **data conversion, derived column, fuzzy lookup** etc.
* Created **SQL Server Agent** Jobs for Running **SSIS** Packages on scheduled basis.
* Written shell scripts in **UNIX** to execute the workflow, created Workflow, Worklets and Tasks to read parameters from parameter files.  
  Documented the complete Mappings, System delivery specification, test scripts and technical systems design.

Environment: Informatica PowerCenter 10.x/9.x, ETL, PL/SQL, DB2, Oracle11c, MSBI DAC, Teradata, Windows, and UNIX Shell scripting.

## ETL/ Informatica Developer

## sam enterprises pvt ltd - Pakistan, Karachi

## November 2015 to December 2016

Responsibilities:  
Extensively used Informatica **Power center**, **Power Exchange** for extracting, transforming, and loading data from relational sources and non-relational sources.

* Extensively used various transformations such as Source Qualifier, Expression, Lookup, Sequence Generator, aggregator, Update Strategy, and Joiner while migrating data from various heterogeneous sources like **Oracle**, **DB2**, **XML** and **Flat files** to Oracle.
* Developed Mappings using Designer to extract, transform data according to the requirements and loaded into database.
* Used Powercenter to transform and load different sources data to **MDM** database.
* Handled **slowly changing dimensions** of Type 2 to populate current and historical data to Dimensions and Fact tables in the data warehouse.
* According to transformation logic, we used various transformations like sorter, aggregator, lookup, Expression, filters, Update Strategy, Joiner, Router in Mappings.
* Designed basic **UNIX** scripts and automated it to run the workflows daily, weekly and Monthly.
* Scheduled **Sessions** and Batches on the Informatica Server using Informatica **workflow** Manager.
* Migrate Informatica objects and Database objects to Integration Environment and schedule using the **Autosys**
* Monitoring the **ETL** jobs and fixing the Bugs
* Involved in doing Unit Testing, Integration Testing and System Testing.
* Identified and created various classes and objects for report development.

Environment: Informatica Power Center 9.6, Oracle 9i, XML, Flat files, SQL, Sales Force (SF), PL/SQL, Windows, UNIX, Business Intelligence.

ETL / Informatica Developer

## GAMAlux sdn bhd – KUALA LUMPUR, MALAYSIA

## OCTOBER 2012 to September 2015

* Extracted Data from Different Sources by using Informatica.
* Extensively used Informatica client tools Source Analyzer, Warehouse designer, Mapping designer and Mapplets Designer.
* Extracted data from different sources of databases. Created staging area to cleanse the data and validated the data.
* Designed and developed complex Aggregate, expression, filter, join, Router, Lookup and Update Transformation rules.
* Developed schedules to automate the update processes and Informatica sessions and batches.
* Analyze, design, construct and implement the **ETL** jobs using Informatica.
* Developed mappings/Transformations/mapplets by using mapping designer, transformation developer and mapplets designer in Informatica Power Center 6.1.
* Developed Shell scripts to setup runtime environment, and to run stored procedures, packages to populate the data in staging tables.
* Created Users, user groups, database connections and managed user privileges using supervisor.

Environment: Informatica Power Center 8.x, Oracle 9i, MS SQL SERVER 2000, SQL, PL/SQL, SQL\*Loader, UNIX Shell Script.

Education

Master's in Management Information Systems