**Srujan**

**Email:** srujan6677@gmail.com

**Contact:** 913-489-9639

**SUMMARY:**

* Over 7+ years of IT experience as an ETL Developer/Program analyst, which includes Data Warehouse/Database Developer experience using Informatica Power Center 9.x/8.x/7.x.
* Worked in ETL Tools like Informatica, Ab-Initio and Reporting tools like Cogon's, OBIEE.
* Worked in complete Software Development Life Cycle (SDLC), starting from requirement gathering, analysis, design, testing, debugging, implementation, post implementation support and till maintenance.
* Good in Onsite-Offshore work co-ordination.
* Experience in configuring high availability using Scrum, MongoDB replica sets across multiple data centers
* Expertise in NoSQL database MongoDB.
* Worked on Oracle Database supporting OLTP and Data Warehouses.
* Extensively worked with informatica for extracting data from legacy systems to Stage and then Cleanse, Processes and Loading.
* Good Experience in Talend DI Administration, Talend Data Quality and Talend Data Mapping.
* Well versed with RDBMS like Oracle9i. And can able to work with DB2 and SQL Server.
* Proficient in understanding business processes / requirements and translating them into technical requirements.
* Identified and eliminated duplicates in datasets thorough IDQ components
* Experience in using Talend Big Data components to create connections to various third-party tools used for transferring, storing or analyzing big data, such as Sqoop, MongoDB and BigQuery to quickly load, extract, transform and process large and diverse data sets.
* Experience in writing Test Plans, Developing and Maintaining Test scripts.
* Expertise in Sharding distributed Cassandra and MongoDB system.
* In-depth understanding of MongoDB HA strategies,Scrum, including replica sets and sharding
* Prepared Unit test documents, which captures the test conditions and scripts, expected/actual results and data cross-section and volume for Individual interfaces components
* Sound experience in Performance tuning of ETL process. Reduced the execution time for huge volumes of data for a company merger projects.
* Used Informatica data quality IDQ in cleaning and formatting customer master data.
* Good at Data warehousing techniques like Star and Snow Flake Schemas.
* Knowledge in working with UNIX and LINUX OS.
* Having Knowledge on reporting tools like SAP BO, OBIEE and Cogno's.
* Hands on experience in scheduling Informatica workflows using DAC (Data Warehouse Application Console) and Tidal.
* Quick to learn.
* Worked in Agile and Waterfall work environment.
* Performed in creating tasks in the workflow manager and exported IDQ mappings and executed them.
* Good team player, strong interpersonal and communication skills combined with self-motivation initiative and positive attitude.
* Looking ahead for great personal and professional career in a fair working environment with opportunities to grow.

**SKILLS SET**

|  |  |
| --- | --- |
| **ETL TECHNOLOGY** | Informatica Power Center 9.0/8.6/8.1/7.x/6.x, Ab-inito. |
| **DATA WAREHOUSE** | Multidimensional Model Design, Star Schema Development |
| **DATA MODELLING** | Star-Schema Modeling, Snowflake Modeling, MS Visio, Erwin |
| **DATABASES** | Oracle10g/9i,SQLServer7.0/2000,MSAccess,Sybase,DB2,MySQL,MongoDB,Teradata, Netezza. |
| **PROGRAMMING** | C, SQL, PL/SQL, HTML,UNIX Scripting |
| **REPORTING TOOLS** | Business Objects XIR2,Crystal Report |
| **Front-End Tools** | TOAD, Oracle SQL Developer and Putty.  |
| **OPERATING SYSTEMS** | Windows 98/NT/2000/XP,MAC, UNIX, MS-DOS  |

**CompassMinerals,KS**

**Mar’ 15 – Till Date**

**Sr.ETL Developer/Administrator**

**Description:** Compass Minerals (NYSE:CMP)is a leading producer of minerals, including salt, magnesium chloride, sulphate of potash and other plant nutrition products. Compass provide high-quality food salt, water care products, packaged de-icing, minerals for animal nutrition, and other salt and mineral products to consumers and industry throughout North America, Canada and the United Kingdom. Organic-approved sulphate of potash specialty fertilizer helps produce nutritious fruits, vegetables, tree nuts, and other important crops.

**Responsibilities**

* Develop and test extraction, transformation, and load (ETL) processes for the EDW.
* Developed data Mappings between source systems and warehouse components.
* Cleansing and processing data from stage to data marts using Informatica transformations
* Developed and test all the backend programs, Informatica mappings and update processes.
* Optimizing/Tuning mappings for better performance and efficiency
* Extensively used Update Strategy and Lookup transformations for updating the target tables.
* Informatica PowerCenter9.x implementation, design and best practice guidance
* Worked on Informatica Power Center tool - Source Analyzer, Data warehousing designer, Mapping & Mapplet Designer and Transformation Designer.
* Identified and eliminated duplicates in datasets thorough IDQ components
* Monitor the day-to-day activity of the data warehouse, Informatica jobs, BI Tools and reporting.
* Worked on Talend RTX ETL tool, develop jobs and scheduled jobs in Talend integration suite.
* Performed in creating tasks in the workflow manager and exported IDQ mappings and executed them v
* Experience in using Talend Administration Console (TAC) for scheduling and executing Incremental ETL loads.
* Ensure daily repository backup is taken
* Handled production issues and outlined backup of Informatica environment.
* Reducing maintenance needs, improving reliability, reducing execution time and performance tuning and monitoring.
* Prepared Unit test documents, which captures the test conditions and scripts, expected/actual results and data cross-section and volume for Individual interfaces components
* Assist with the definition of ‘service level’ requirements from all areas of the organization, as

 they relate to the business Intelligence including application availability, acceptable downtime, data integrity, user support, issue resolution, etc.

* Administration of BI tools (Informatica Power Center).
* Architecture and Capacity planning for Scrum, MongoDB/Cassandra clusters
* Maintenance of Informatica Repository, purging/archival of logs on Informatica servers
* Responsible for creating/changing Folders, users, connection objects, deployment groups,

 promoting/rollback of deployment groups from development to QA and to prod.

* Responsible to monitor and keep the health of Informatica services, OBIEE services.
* Configuring high availability using geographical MongoDB replica sets across multiple datacenters.
* Created a Hybrid process in IDQ by combining both IDQ Developer and analyst version through LDO(Logical Design Objects)
* Worked with Informaticac Data Quality(IDQ) 8.6.1 for data cleansing, data matching and data conversion
* Expert in Talend job migration and deployment to different environment and successfully scheduled job in TAC.
* Good Knowledge of Talend Interface with Hadoop i.e. HDFS, PIG, HIVE ,Scrum.
* Prepare documentation and communicate the status of the project to the management.
* Created System design document, Interface control document and data model document.
* Creating users, assigning roles, application and privileges to users.
* Implemented read preferences in MongoDB replica set.
* Created dashboard and reports to check any job failure in ETL front .
* Killing sessions and revoking user privileges and roles

**Environment:**Informatica 9.5, IDQ, Oracle 11g/Exadata, OBIEE 11g(11.1.1.7), PowerCenter (included Change Data Capture),SQL, Windows 2007, MobaXterm, Talend, Sql Developer, MongoDB, WebLogic, BI  Apps, Notepad++.

**Spectrum Health Care, Grand rapids, MI**

 **Apr’14-March'15**

**Informatica Developer**

**Description**: The project was to design, develop and maintain different Data Marts which included General Ledger, Bar Code Med Admin and Chart access. The data used to come from oracle database and in form of flat files and was loaded into the target using Informatica.

**Responsibilities:**

* Involved in creation of Logical Data Model for ETL mapping and the process flow diagrams.
* Worked with SQL developer to write the SQL code for data manipulation.
* Worked on Informatica versioned repository with check in and checkout objects feature.
* Used Debugger extensively to validate the mappings and gain troubleshooting information about data and error conditions.
* Provided guidance to less experienced personnel. Conducted quality assurance activities such as peer reviews.
* Participate in the business analysis process and the development of ETL requirements specifications.
* Worked with production support systems that required immediate support
* Develop, execute and maintain appropriate ETL development best practices and procedures.
* Assisted in the development of test plans for assigned projects.
* Monitor and tune ETL processes for performance improvements; identify, research, and resolve data warehouse load issues.
* Involved in unit testing of the mapping and SQL code.
* Developed mappings to load data in slowly changing dimensions.
* Involved in performance tuning of source & target, mappings, sessions and workflows.
* Worked with connected, unconnected lookups and reusable transformations and mapplets.
* Utilized Unix Shell Scripts for adding the header to the flat file targets.
* Involved in designing the star schema and populating the fact table and associated dimension tables.

**Environment:** Oracle 10g, SQL Developer, SQL , Informatica Power Center 8.6, Sybase, Windows XP, Visio 2000, Business objects XIR2

**Genuine Parts Company, Atlanta, GA**

**June 2013 – March’14**

**ETL Developer**

**Description:** Genuine Parts Company (GPC) is a service organization engaged in the distribution of automotive replacement parts, industrial replacement parts, office products and electrical/electronic materials. Our products and services are offered through a network of over 2,000 operations, geographically located across the United States, Canada and Mexico.

**Responsibilities:**

* Created data maps using Informatica Power Center to populate the data from main frames to the staging area.
* Extensively worked on performance tuning at various levels like mapping level, session level, and database level.
* Involved in requirement gathering meeting and prepared technical and mapping documentation.
* Involved in design layouts, analysis and other documentation along with the business analysts and team.
* Developed UNIX scripts for modifying, parsing validating data.
* Designed migration procedures and Created applications in Python to do the data migration from Oracle to MongoDB.
* Used Debugger wizard to remove bottlenecks at source level, transformation level, and target level for the best possible usage of sources, transformations and target loads.
* Generated parameter files dynamically with the data from database table.
* Defined collections to store data in MongoDB.
* Created Mappings using different transformations like Expression, update strategy, Joiner, Router, Lookup, Filter, Update Strategy, XML Generator to perform the process of Extract, Load and Transform effectively in the Mapping Designer as per the business requirement.
* Created objects like Mapplets, reusable transformations, shortcuts for ease of enhancement by facilitating reusability.
* Expertise in MongoDB Schema Design using DB Ref, Manual Ref
* Involved to set up sessions to extract data through FTP from remote mainframe data source files
* Developed mapping parameters and variables to support SQL override.
* Designed mappings from the scratch and also did performance tuning of the mappings that were previously implemented.

**Environment:** Informatica Power Center 8.5.1, Oracle 10g, Mainframe, MongoDB ,SQL developer, Auto sys.

**XL GLOBAL,** **Stamford, CT**

**Aug 2012 to May2013**

**Informatica Developer**

**Description:** XL Reinsurance America Inc. provides the highest quality reinsurance products and customer services in the market. XLRe is located in different locations all over the world.

It is in the process of bringing all the data under one roof.

**Responsibilities:**

* Understand the business functionalities of XLRe Latin America, Greenwich Insurance Company, Indian Harbor Insurance Company, XL Europe Ltd and XL Singapore-Sydney OBU’s data and convert them into Destiny Application based on Destiny Business rules.
* Extract the data from RSG application to staging area thru flat files and Tables.
* Upload the data from staging area into Destiny database
* Implemented Dashboards Analytics using Business objects Performance manager.
* Extract the data from RSG application to staging area thru flat files and Tables.
* Developed stored procedures for generic values instead of using the sequence generator transformations.
* Involved in the Software Development Life Cycle.
* Converted different Line of Business: XL Property, XL Casualty, XL Excess of loss based on business rules.
* Involved in supporting the project and resolved production issues.
* Work closely with database administrators and reporting team to ensure data is refreshed for each cycle and balancing the reports of converted data.
* Involved tuning the session performance by using various techniques.
* Used Autosys for Scheduling Informatica batch and stand alone sessions with different jobs.
* Created Web Intelligence reports with dynamic objects that are linked to the values those are returned from the database.
* Attended web conference with Business Objects.
* Involved in Migrating BO 6.5 to BO XI R2.

**Environment:**

Windows2000, Business Objects XIR2/6.x, WEBi , Crystal Reports, LDAP, Informatica PowerCenter7.1/8.1, Autosys, SQL Server.

**RUSSELL, NJ, USA.**

**July 2011- June 2012**

**ETL Developer**

**Description:**

As part of IDODS is an Investment Division Operation Data Store for Investment customer. Investment Division (ID) is currently in the process of upgrading core investment systems (Advent accounting, Charles River trading), building a new operational reporting hub, and creating the infrastructure to channelize data flow between core and the support systems. ID intends to

* Rationalize the data movement and minimize the cost on vendor data request by leveraging ISS PACE
* Build an operational data store for operational reporting needs of Investment division
* Authorize ID ODS as a single source for Market, Security, Position and Trade data for Investment division spanning .

Source files from different source system and ISS Pace will be loaded into appropriate data files directory. An ETL process then reads and loads them into staging tables. Business and referential integrity rules will be applied to the data before it is loaded into ODS tables.

**Responsibilities:**

* Extensive analysis of Investment management data like Securities, Trade, Position etc. in Eagle PACE
* Design for the various external data feeds provided by Bloomberg, State Street Corp, BBH, customer Systems to build a new operational hub for Investment division as a single source for all systems.
* Played a key role from Offshore in project estimation and involved in project plan preparation
* Involved on ETL architecture
* Requirements gathering and freezing of those requirements
* Designed Data Modeling for Investment division as a hub to have the security, trade and position data from various systems.
* Coding, Integration and giving Technical guidance to the team
* Creating batch files for all file validation purposes.
* Developed Unit Test cases for doing Unit Testing.
* Peer Review of ETL, SQL Stored procedures.
* Creating reports in SSRS.
* Managing the team and delivered high quality results.
* Received client appreciation for on time and quality delivery.

**Environment:**

Informatica 8.6, SQL Server 2012, SSRS, ERWIN 7.3

**Media Bank Inc. Chicago, IL**

**Sep2010-June’2011**

**Consultant Data Analyst**

**Description:** Media Bank presents the evolution of media buying –integrated, open, cross-platform technology that maximizes intelligence and efficiency in the media buying process. It is powering the future of media buying. The project is based on testing and analyzing the digital and analog applications for media related clients.

**Responsibilities:**

* Used SQL developer to run the queries to verify the data with the existing GUI functionality.
* Involved in creation of test plan and test cases for testing the enhanced functionality of MBOX.
* Involved in documentation to describe program development, logic, coding, testing, and any changes and corrections.
* Developed ETL code by the business logic defined in the Functional Design Document.
* Analyzed the systems, met with end users and business units in order to define the requirements.
* Used Talend most used components (tMap, tDie, tConvertType, tFlowMeter, tLogCatcher, tRowGenerator, tSetGlobalVar, tHashInput & tHashOutput and many more)
* Familiar with MongoDB write concern to avoid loss of data during system failures.
Experience with security/authentication/authorization
* Conducted business requirements and source system analysis to arrive at optimal ETL designs.
* Designed and developed IDQ solution to support MDM Projects
* Experience managing security/encryption for MongoDB installations
* Develops new ETL applications from simple to moderately complex scope, works with basic applications systems design specifications; and utilizes Company standards, procedures, and techniques.
* Integrated IDQ Mappings and Mapplets with PowerCenter and automated the scheduling process.
* Document the Installation, Deployment, administration and operational processes of Talend MDM Platform (production, Pre-Prod, test30, test 90 and development) environments for ETL project .
* Worked on IDQ Analyst for Profiling, Creating rules on Profiling and Scorecards.
* Troubleshooting, debugging & fixing Talend specific issues, while maintaining the health and performance of the ETL environment
* Designed and Implemented the ETL code for Address verification, Identity checking by working with IDQ.
* Partnering with project managers and development resources to assist with design changes and design decisions.
* Designed IDQ mappings which is used as Maplets in Power center
* Configuring high availability using geographical MongoDB replica sets across multiple data centers
* Worked with creation of reports for decision support.
* Designed IDQ mappings which is used as Maplets in Power center
* Involved in analysis of the data in the development and test environment.
* Work with analog team to test the existing application.
* Involved in logging defects in JIRA and monitor the progress until it goes to UAT environment.

**Environment:** Informatica 8.5.1/8.6.1, IDQ, MBOX (digital and analog), Talend 6.1, Oracle 10g,MongoDB, SQL developer, UNIX, Windows XP.

**Exilant Technologies, Hyderabad, India**

**June2009 - August 2010**

**Informatica ETL Developer**

**Responsibilities:**

* Analyzed the source data coming from Flat files and worked with business users.
* Worked with most of the DB client tools like SQL Navigator, TOAD, Data Browser, Teradata SQL Assistant, etc.
* Technical writing skills to provide professional reports for implementation documentation and assessment
* Understand the components of a data quality plan. Make informed choices between sources data cleansing and target data cleansing.
* Used various transformations like Source Qualifier, Lookup, Update Strategy, Router, Filter, Sequence Generator, and Joiner on the extracted source data according to the business rules and technical specifications.
* Schedule, Run and Monitor sessions by using Informatica Workflow Manager.
* Extensively worked in the performance tuning of the programs, ETL Procedures and processes
* Redesigned some of the existing mappings in the system to meet new functionality.
* Code Development as per the client requirements.
* Tested the data and data integrity among various sources and targets. Associated with Production support team in various performances related issues.

**Environment:** Informatica 8.6, Windows 98/NT/2000, Oracle 9i/8i, TOAD, Database Tools/Utilities.

**EDUCATION :**

* Bachelor's in Electronic and Communication Engineering.