IBM DATASTAGE DEVELOPER

**PROFESSIONAL SUMMARY**

* **6** Years of overall IT experience in Analyzing, Designing, Developing, Testing, Implementing and Maintaining client/server business systems over six years of experience with **IBM Information Server (IBMWebsphereDataStage9.1/8x DataStage Enterprise Edition (Parallel Extender**) to implement ETL solutions and **Data Warehousing** projects
* Good experience in using **NO-SQL databases** like **Cassandra/HBASE** through Data Stage
* knowledge on running Data Stage jobs on **Hadoop** or **big** data systems.
* Experience in **Data warehousing** and **Data migration.**
* Used both **Pipeline and Partition Parallelism** for improving performance.
* Developed Parallel jobs using various stages like **Join, Merge, Lookup, Surrogate key, SCD, Funnel, Sort, Transformer, Copy, Remove Duplicate, Filter, Pivot and Aggregator stages** for grouping and summarizing on key performance indicators used in decision support systems.
* Frequently used **Peek**, **Row Generator** and **Column Generator stages** to debug.
* Expertise in performing **Data Migration** from various legacy systems to target database.
* Expertise in **Data Modeling**, **OLAP/ OLTP Systems**, generation of Surrogate Keys, Data Modeling experience using Ralph-Kimball methodology and Bill-Inmon methodology, implementing Star Schema, Snowflake Schema, using Data Modeling tool Erwin.
* In Depth knowledge in **Data Warehousing** and **Business Intelligence** concepts with emphasis on ETL and Life Cycle Development including requirement Analysis, Design, Development, Testing and Implementation
* Experience in implementing **Netezza, DB2, DB2/UDB, Oracle 10.2/ 9i/ 8i, SQL Server, PL/SQL, and SQL \*PLUS database applications.**
* Having knowledge on adaptive to Cloud Strategies based on **AWS (Amazon Web Services).**
* Participated Actively in **Server Upgrade and Data Stage Version Upgrade**.
* **Migrating jobs** from DataStage 7.5.1 to DataStage 8.1 Enterprise Edition, **8.5 to 11.5,** Server jobs to parallel jobs migration.

**TECHNICAL EXPERIENCE**

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| Databases | Netezza, Oracle 10g/9i, DB2, Cassandra. |
| Tools | IBM Info Sphere / WebSphere Data Stage 11.5/9.1 /8.7,(Designer, Director, Administrator and Manager), |
| Languages | SQL, UNIX Shell Script, XML. |
| Reporting Tools | Business Objects |

**WORK EXPERIENCE**

**IBM Data Stage Developer Oct 2018 – Till Date**

**DLL Financial Solutions, PA**

* Working on POC upgrading existing Datastage 8.7 version to Datastage 11.7 Version
* Responsible for database management, database administration, data modeling and developing scripts for enhancing existing financial reporting and compliance. Designed database model to support various rate calculation submission and store DoD and Civilian data distinctly for timely filing process. This process is to comply with regulations on a monthly basis.
* Analyzed and resolved testing and production issues by determining their validity, identifying causes, developing various courses of action to address business requirements, and implementing them
* Performed system analysis, design, coding, testing and implementation for the entire systems development cycle
* Performed review and analysis of the detailed system specifications related to the DataStage ETL and related applications to ensure they appropriately address the business requirements
* Evaluated impact of proposed changes on existing DataStage ETL applications, processes and configurations
* Worked on parallel extender
* Designed and developed the generic ETL utility to load data from MySQL database
* Infosphere DataStage 8.7 to 11.7 upgrade.

**IBM Data Stage Developer** **Feb 2017– Aug 2018**

**Ford , Michigan**

***Responsibilities:***

* Identifying data gaps between old (PeopleSoft) and new (workday)ERP Systems.
* Involved in data modeling session, developed technical design documents
* Involved in data discovery in profiling different source data.
* Designed Parallel jobs using various stages like **Join, Merge, Remove Duplicates, Filter, Lookup, Modify, Aggregator and Funnel stages**.
* Developed Parallel Jobs using various Development / Debug Stages (**Peek Stage, Row generator stage, Column generator stage, Sample stage**) and Processing Stages (**Aggregator, Change Capture, Change Apply, Filter, Sort and Merge, Funnel Remove Duplicate Stage**).
* Created a technical proof of concept for implementing the **D3.js** using the feed generated by Data Stage. [This is done as an alternate to the **Cognos active reports**].
* Involved in the data ingestion process through datastage to load data into **HDFS**
* Creation of unit test case documents
* Used **Kafka and Hbase** to move data extraction and processing logic to **Hadoop** systems.
* Developed **shell scripts** and updated the log for the backups.
* Involved in performance tuning of long running jobs.
* Involved in volume testing and quality testing.
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* Involved in volume testing and quality testing.
* Creating the scheduling plan, job execution timings and sharing with scheduling team (**Control-M)**
* Modifying the existing (Re-Usable) Job if required.
* Involved in Retrofitting legacy Informatica jobs to Data Stage 11.5 .
* Used Data Stage Designer for developing various jobs to extract, cleansing, transforming, integrating and loading data into Data Warehouse.
* Involved In **Data Stage upgrade** from 9.1 to 11.5.

***Environment:***Data Stage 9.1/11.5,Netezza, Oracle 10g/9i, DB2, Hadoop 2.2.0, Red Hat 6.8.

**Data stage Developer**

**American Airlines, Fort Worth, TX June 2016– December2016**

***Responsibilities:***

* Development of **Datastage design concepts**, execution, testing and deployment on the client server.
* Designed and developed sequence jobs with stages Nested Condition, Execute Command, **Job activity**, Sequencer, User variables activity to dynamically loop through multiple jobs.
* Used Datastage Designer for importing the source and target database schemas, importing and exporting jobs/projects, creating new job categories and table definitions.
* Worked on business objects that map to actual SQL structures in the database. All objects are grouped into classes and subclasses.
* Have experience using **SOAP**  tool to make the WebService Calls.
* Developed Stream Dashboard using BIWS on SAP BO, dashboard was used to make sure the Financial process for the Allocations and Budget was all sync and as planned for the current Fiscal Year.
* Used **Datastage Designer** for developing various jobs to extract, cleansing, transforming, integrating and loading data into **Data Warehouse**.
* Created dashboards using Xcelsius based on project requirements, I have developed complication dashboards using BIWS, live Office and QAAWS based on available SAP Environment.
* Running and monitoring of Jobs using **Datastage Director** and checking logs.
* Monitoring all data loads and fixing the errors.

***Environment:***IBM WebSphere Datastage 8.5, Oracle 9i, SAP BO 4.0,Web Services (SOAP),DB2, SQL Server 2005, Flat Files, UNIX scripting, Windows 2003,

**ETL Developer**

**Big Biz Solutions-Hyderabad, India April 2012 -Oct 2014**

**Client:ICICI Bank**

**Responsibilities:**

* Worked with users & analysts to understand requirements
* Participated in client meetings to review Integrated Data approaches and to interpret results
* Closely involved in gathering requirement, design, development and implementation of the project
* Worked with Development Team to draft the Development Checklist and Plan for Iteration Releases.
* Developed Parallel jobs using various stages **like Join, Merge, Lookup, Surrogate key, SCD, Funnel, Sort, Transformer, Copy, Remove Duplicate, Filter, Pivot and Aggregator stages** for grouping and summarizing on key performance indicators used in decision support systems.
* Involved in **Regression, Functional, Integration, System Testing** and User Acceptance Testing
* Performed database validation according to the business logic by comparing the source to the target in Spreadsheet
* Work with source system personnel on source data delivery issues. Interacted with DBA for setting up test environment
* Created the test environment for Staging area, loading the Staging area with data from multiple sources.
* Extraction of test data from tables and loading of data into SQL tables
* Review test specifications, cases and performed manual testing
* Involved in Backend Database testing in Oracle using SQL.
* Followed State Street defined ETL Standards and Best Practices

***Environment***: QC, QTP, Clear Quest, Clear Case, Ascential DataStage 7.5, Oracle 10g, UNIX, SQL\*plus, Windows NT and Autosys

**Education Details:**

Masters In Information Security Intelligence/ Ferris State University/2016- Michigan

Bachelors in Electronics and Communication Engineering/ JNTUH/2013