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**Summary:**

* Over **7+ years** of experience in system analysis, design, development and implementation of Relational Database and Data Warehousing systems using **IBM DataStage 8.5/8.1/8.0.1/7.x/6.x/5.x** (Information Server, WebSphere, Ascential DataStage).
* Highly experienced in **designing, developing, documenting**, and **testing** of **ETL** jobs and mappings in Server and Parallel jobs using **DataStage to** populate **tables in Data Warehouse** and **Data marts.**
* Proficient in developing strategies for **Extraction, Transformation** and **Loading (ETL) mechanism.**
* Expert in designing parallel jobs using various stages like **Join, Merge, Lookup, Remove duplicates, Filter, Dataset, Lookup file set, Complex flat file, Modify, Aggregator, XML.**
* Expert in designing Server jobs using various types of stages like **Sequential file, ODBC, Hashed file, Aggregator, Transformer, Sort, Link Partitioner** and **Link Collector.**
* Experienced in integration of various data sources (**DB2-UDB, SQL Server, Sybase, Oracle, Teradata, People Soft, CAMRA, PAT, PACE, XML and MS-Access**) into data staging area.
* Expert in working with **DataStage Manager, Designer, Administrator, and Director**.
* Expert in using Information Analyzer for **Column Analysis, Primary Key Analysis** and **Foreign Key Analysis.**
* Expert in working with **Quality Stage** for **data profiling, standardization, matching** and **survivorship.**
* Experienced with **Microsoft DTS packages** and **TOAD.**
* Excellent knowledge of studying the **data dependencies** using **metadata stored** in the repository and prepared batches for the existing sessions to facilitate scheduling of multiple sessions.
* Proven track record in **troubleshooting** of **DataStage** jobs and addressing production issues like performance tuning and enhancement.
* Expert in working on various operating systems like **UNIX AIX 5.2/5.1, Sun Solaris V8.0** and **Windows.**
* Proficient in **writing, implementation** and **testing of triggers, procedures and functions in PL/SQL.**
* Experienced in **Database programming for Data Warehouses (Schemas), proficient in dimensional modeling (Star Schema modeling, and Snowflake modeling).**
* Experienced in **Data Modeling** as well as reverse engineering using tools **Erwin, Oracle Designer** and **MS Visio.**
* Expert in **unit testing, system integration testing, implementation** and **maintenance** of databases jobs.
* Effective in **cross-functional** and **global environments** to manage multiple tasks and **assignments concurrently with effective communication skills.**

**Technical Skills:**

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| --- | --- |
| **Data Warehousing** | InfoSphere Information Server 8.7/8.1, DataStage 7.5.2/6.1, (Manager, Designer, Director, Administrator), MetaRecon, Integrity, Data Mining, Datamart, OLAP, OLTP, SQL\*Plus, SQL\*Loader |
| **Dimensional Data Modeling** | Dimensional Data Modeling, Data Modeling, Star Join Schema Modeling, Snow-Flake Modeling, FACT and Dimensions Tables, Physical and Logical Data Modeling, ERwin, Oracle Designer |
| **Databases** | Oracle 11g/10g/8i/9i, TeraData V2R14, DB2 UDB 9.7/9.1/7.x, MS SQL Server 6.5/7.0, 2000/2005 Sybase and MS-Access |
| **Reporting Tools** | Data Reports, Cognos, Business Objects 6.0/ Crystal Reports 6.x/5.x/4.x/3.x, SQR 3.x, Developer 2000 (Forms 4.5/5.0, Reports 2.5/3.0), Crystal Reports 8.0 |
| **UNIX Tools** | C Shell, K Shell, Bourne Shell, Perl, AWK, VI, SED |
| **Languages** | C/C++, SQL, PL/SQL , VB Script,  XML, COBOL, HTML, JCL |
| **Other** | Designer-2000, Toad, Autosys 4.5, Rational Clear Case, QTP, LoadRunner, SQL Loader 9.2, DB2 Import, DB2 Export QMF |
| **Environment** | Windows Family, Unix, IBM AIX, MS-DOS, and Linux Red Hat |

**Professional Skills:**

**Harris Teeter, Charlotte, NC March 2012 – Present**

**Role: ETL/Sr. Datastage Developer**

This Project involves the design & development and production support of Interfaces CRM, Informatica, Floor stock protection, Inventory Management and Retail &Pharmacy Data integration and management supports.

**Responsibilities:**

* Interacted with source system users and business users to get business requirements.
* Created **ETL Technical Design Documents** and **Mapping documents** based on the **BRS** provided by the analysts.
* Created **Datastag**e jobs to **extract, transform** and load data into **CDW (Corporate Data Warehouse)** according to the required provision from heterogeneous systems like **DB2, Sybase, Oracle, XML data** and **flat files**.
* Performed data analysis, gap analysis and data validation according to the requirement.
* Performed **Unit testing** and **System Integration** testing by executing different test cases according to the requirement.
* Created all necessary documents like **Migration form, Urgency form, Implementation form** etc. to deploy the code to higher environments.
* Created shell scripts to invoke Datastage jobs, pre/post processing files and schedule using **autosys scheduling tool**.
* Created **Autosys JIL's** – file watcher, box job, command jobs to automate the **ETL process.**
* Created clean up and archival scripts to archive the files once they are successfully loaded into the **target tables/DB.**
* Created daily/monthly **Data Quality reports** using **SAS** to send over to the business in case of discrepancies.
* Created **ETL process** for auditing between multiple sources systems.
* Used custom built stage **to implement SCD type I** and **type II.**
* Performance tuning of **ETL code** to reduce the downtime in production environment.
* Worked on defect resolution for bug fixing in higher environments.
* Developed Parallel and Server jobs based on **SCD Type II** and **SCD Type I**.
* Developed Server jobs using various types of stages like **Sequential file, DB2-API, DB2-Enterprise, Aggregator, Transformer, Sort and XML.**
* Used version control tools like **Version Management (Clear Case and Quest)** and **DataStage Version Control.**
* Created **Error Files** and **Log Tables** containing data with discrepancies to analyze and re-process the data.
* Performed data manipulation using Basic functions and **DataStage transforms.**
* Imported and exported repositories across projects using **DataStage Manager in 7.5 version.**
* Supported during project deployment to **production environment.**

**Environment**:  IBM InfoSphere DataStage 8.5, Oracle 10g, SQL Server 2008, DB2-UDB 9.7, Sybase, Autosys,   UNIX Shell Scripting, Flat files, XML files, Micro Strategy, IBM Rational ClearCase, IBM Rational ClearQuest, SAS.

**BCBS, Dallas TX Aug. 2010 –Feb. 2012**

**Role: Sr. Datastage Developer**

BCBS is the largest Health insurance provider offering insurance to individual, small group and large group segments. HCSC is the parent of the BCBS offering its services with the most efficient and well integrated applications supporting sales, Renewals and claims processing systems.

**Responsibilities:**

* Interacted with Business Users/Business Analysts and Managers in gathering **business requirements**.
* Analyzed, designed, developed, implemented and maintained **Parallel jobs** using **IBM info sphere Datastage 8.7.**
* Involved in design of dimensional data model – **Star schema** and **Snow Flake Schema**
* Generating **DB scripts** from Data modeling tool and Creation of physical tables in DB.
* Successfully implemented **pipeline** and **partitioning parallelism** techniques and ensured load balancing of data.
* Deployed different partitioning methods like **Hash by column**, **Round Robin**, **Entire**, **Modulus**, and **Range** for bulk data loading and for performance boost.
* **Repartitioned** job flow by determining DataStage PX best available resource consumption.
* Experienced in **PX file stages** that include Complex Flat File stage, DataSet stage, LookUp File Stage, Sequential file stage.
* Implemented **Shared container** for multiple jobs and **Local containers** for same job as per requirements.
* Adept knowledge and experience in mapping source to target data using **IBM Data Stage 8.x**
* Implemented **multi-node** declaration using **configuration files** (APT\_Config\_file) for performance enhancement.
* Experienced in developing **parallel jobs** using various Development/debug stages (**Peek stage**, **Row generator stage**, **Column generator stage, Sample Stage**) and processing stages **(Aggregator**, **Change Capture**, **Transformer, Filter**, **Sort & Merge**, **Funnel**, **Remove Duplicate Stage**)
* Worked within a team to populate **Type I** and **Type IIslowly changing dimension** tables from several operational source files.
* Created some **routines** (Before-After, Transform function) used across the project.
* Involved in creating **UNIX shell scripts** for database connectivity and executing queries in **parallel job execution**.
* Used the **ETL DataStage Director** to **schedule** and **run jobs**, testing and debugging its components & monitoring performance statistics.
* **Debug**, **test** and **fix** the transformation logic applied in the parallel jobs.
* Coordinated with other team members and participated / organize daily meetings to discuss the Dev progress.
* Created, implemented, modified and maintained the business simple to complex reports using **Reporting tool (Cognos).**

**Environment:** IBM Info sphere Datastage 8.7, Oracle 11g, DB2, SQL server, Windows, UNIX, MS Visio, Flat files, UNIX, TOAD, Cognos.

**US Bank; Richfield, MN May 2009 – June 2010**

**Role: Datastage Developer**

**Description**: This Wholes Project was involved the design and development of Modules - Asset, Contact, Credit Line, Financial Transaction, Loan, Loan Payment, Organization Charges, Loan Payment, and Plan Payment.

**Responsibilities:**

* Responsible for understanding the requirements, analysis, design, development and implementation into the system.
* Identified source systems, their connectivity, related tables and fields and ensured data consistency for mapping.
* Created source table definitions in the Datastage repository by studying the data sources.
* Analyze, design, develop, implement and maintain moderate to complex initial load and Incremental load jobs to provide data to ODS.
* Extensively created parameters in job properties for entering default values while loading.
* Worked with Data stage client tools– Designer, Director, Manager and Administrator
* Involved in several optimizations on Datastage jobs and improved the performance.
* Created jobs and sequences to extract allowances, benefits, brokers, claims, members, providers and employee group data with applying various business rules.
* Analyzed data issues in the load and providing the solution for the issues, discussing with the data owners and creating DS jobs to correct the data.
* Developed jobs in data stage, using different stages like Transformer, Aggregator, Lookup, Merge, Join, Remove Duplicate, Funnel, Sort, Change Data Capture, Sequential File, Complex Flat file and ODBC.
* Designed Datastage ETL jobs for extracting data from heterogeneous source systems, transforming and finally loading into the data marts.
* Created re-usable components using shared containers for local use or shared use.
* Created, optimized, reviewed, and executed SQL test queries to validate transformation rules used in source to target mappings/source views, and to verify data in target tables.
* Created various parallel jobs and sequence jobs for automating the entire process of loading the data.
* Interacted with business intelligence team to Design various reports using Business Objects (BO) reporting tool.
* Troubleshoot the designed jobs using the Datastage Debugger.
* Used Autosys for scheduling the jobs.

**Environment**:   IBM Infosphere Data Stage 8.1, Ascential Datastage 7.5, Oracle 11g/10g, SQL Server 2008, Business Objects Universe XIr3, Autosys, SQL Navigator, Complex Flat files, XML files, SQL, PL/SQL, Shell scripts, TOAD 8, UNIX, Windows XP.

**Client: WAMU, Fort Worth, TX   Feb 08- Apr 09**

**Role: Datastage Developer**

**Description:** This project involves implementation of various financial management products such as Hyperion Financial Management (HFM), Master Data Management (MDM), Data Integration &Management (DIM), Shared Services and Reporting (BI) to manage security, management of financial data, and its consolidation, planning and budgeting for WAMU Inc.

**Responsibilities:**

* Extracted historical and incremental data from source XML files using datastage and loaded into target Oracle tables
* Created extract, stage, SCD, Load datastage jobs using different stages like Folder stage, XML input stage, Sequential file,and Oracle Connector stages.
* Create master job sequences for executing the granular level datastage jobs
* Created parameter sets psEmail, psFeedpath, psWFSpath in datastage designer
* Added parameter sets inside datastage sequences and datastage granular jobs so that in runtime the parameters are read from value file which has the values of all parameter sets
* Create Audit jobs, Audit Sequences to load into JOB\_REPORT table
* Write Audit SQL queries for auditing purposes
* Design post process jobs, scripts for purging and archival of files

**Environment:**IBMInfosphere datastage 8.5, PLSQL Developer 9.0, UNIX, Oracle 10g

**Client: Food Lion, Salisbury, NC        Jan 07 – Dec. 07**

**Role: Datastage Developer**

**Description:** This Project involves the design and development and production support of Interfaces RSI, APT, Informatica, Linked Reason codes, Floor stock protection CAO(Computer Assisted Ordering).

**Responsibilities:**

* Tuning of datastage jobs for efficient processing
* Translating the Functional requirements into technical requirements
* Interact with End Users and business Analysts for understanding the requirements and reports
* Interact with Quality control Team for functional testing, UAT and fixing bugs and issues
* Interact with DBA'S for performance related issues , creation of indexes, temp tables
* Interact with Unix Administrator for files, directory permissions issues, ownership, privileges of Roles based on UNIX groups etc.
* Interact with Enterprise Architect for understanding the underlying Architectures and Hardware/Software related issues
* Interact with Datastage Architect for understanding the Data flow from source systems to target systems
* Discuss the design of master Datastage templates with Datastage Architect so that datastage developers can reuse the master design templates
* Extract, transform and Load data into DB2 tables using Data stage ETL tool Parallel Extender(Infosphere datastage 8.1)
* Writing transformation Logic in Data stage Designer for loading data from  DB2 on UDB database also DB2 on mainframe
* Used Data  stage Designer to extract, cleanse, transform, integrate and load data    into the target DB2 on unix  tables
* Write sql queries inside DB2 stages for extracting the data.

**Environment:**IBM InfosphereDATASTAGE 8.1, UNIX, DB2 on UNIX, DB2 on mainframe,WINSQL.

**Smart Data Enterprise, Chandigarh, India June 2006 – Dec. 2006**

**Role: ETL Developer/Tester**

Smart Data Enterprise Limited is a CMMI 3 company with strong competencies in Open Source & Microsoft/UNIX platform. Its cost effective Software Development provides high quality software solutions to [partners globally](http://www.smartdatainc.com/Software_Development_Partner.asp).

**Responsibilities:**

* Developed **SQL queries** to check the database.
* Creation of **Triggers, Stored Procedures, Tables, Indexes, Rules** etc.
* Interaction with users and getting the enhancement requirements.
* **Implementation and maintenance** of the product in client sites.
* Worked on Power Center client tools like **Source Analyzer, Warehouse Designer, Mapping Designer and Transformations Developer**.
* Involved in designing the **procedures for getting the data from all systems to Data Warehousing system**. The data was standardized to store various Business Units info in tables.
* Creating mappings and different kind of transformations like **Source qualifier, Aggregators, lookups, Filters, Sequence Generator, Stored Procedure and Update strategy**.
* Involved in writing **SQL, Stored procedures** to access data from **Oracle 9i**.

**Environment:**Informatica 8.1, Oracle 9i, SQL Server, Windows, UNIX, MS Visio, UNIX, Putty, WinSCP.