**Ram krishna Gadde**

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**Professional Summary**

* 8 years of IT experience with special emphasis on Analysis, Design, and Development of ETL methodologies in all the phases of the Data Warehousing life cycle.
* **6 years** of extensive & diversified experience in loading and maintaining Data Warehouses and Data Marts using **IBM Information Server/Datastage 8.5/8.1.2,8.0.1/PE/EE/7.5/7.1/6.0** (Manager, Designer, Director, and Administrator) ETL processes, **Quality Stage8.1.2**,**8.0.1,7.5, Information Analyzer,** Scheduling tools **AutoSys, Control-M.**
* Used **Information Analyzer** to conduct end to end data profiling and content analysis.
* Extensively worked on **DataQuality stages** like Standardize, Investigate, Match Frequency, ReferenceMatch, Unduplicate Match, Survive etc
* **Used ABAP, IDoc, BAPI Stages SAP R/3 stages to connect SAP system using IBM datastage**
* Strong experience in processing XML,WSDL files/Messages using Datastage
* Experienced in Extraction, Cleansing, Integration, and Loading of data from/to various data sources.
* Designed the database models like **Star, Snowflake** and **Multistar** Schemas.
* Designed and developed parallel jobs in SMP architecture on Datastage **Parallel Extender.**
* Experienced in **scheduling** Batch jobs.
* Experienced in integration of various data sources (**DB2-UDB, SQL Server, Oracle, Sybase, and MS Access**).
* Extensively worked on various stages like **ODBC, Transformer, Sequential file, Hashed file, Join, Lookup, Lookup file set, Sort, Aggregator, Copy, Dataset**, **Merge, Oracle, Remove duplicates, DB2 stage, Teradata Stage (Multiload, Fast load, Tpump)**
* Extensive experience in loading high volumes of data.
* Experienced in **UNIXShell Scripting** as a part of file manipulation, scheduling and text processing.
* Involved in functional requirements gathering, analysis, design, development, test and implementation.
* Experience in writing, testing and implementation of the triggers, Procedures, functions at Database level and form level using PL/SQL.

**Technical Skills:**

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| --- | --- |
| ETL Tools | IBM DataStage 8.5/8.0.1/7.X/6.X, Quality Stage 8.1.2, 8.0.1, 7.5, Information Analyzer, Profile Stage, MVS Mainframe OS390,Informatica |
| Operating Systems | MVS, OS-390, Windows 98/2000, Windows NT 4.0,Novell, HP-UX, IBM AIX 4.0 |
| Databases | TeraData V2R5/V2R6/V2R7, Oracle 7.x/8.0/8i/9i,10g,11i Sybase, SQL Server 2000/2005, MS-Access, DB2UDB/EEE, IMS DB/DC, DB2,MDM |
| Languages | PL/SQL, Cobol, C++, SQL, Unix shell programming, C, JCL, Pro\*C, HTML,XML,WSDL |
| Database Tools | SQL Plus, SQL\*Loader, Import, Export and TOAD |
| **Scheduling** | Control-M, Autosys, Crontab Utility |

**University of California, Oakland, CA May 2013 to Till Date**

**Role: ETL Data stage consultant.**

University of California Office of President (UCOP) is the information technology office which carries the operations of all locations of the university. The main purpose of DSS (Decision Support Systems) data warehouse is designed to deal with many data warehouse applications UES (Undergraduate Experience Survey), Earnings, student accounts & payroll. The system receives input feed, process the data according to the business logic, creates load files and load them into corresponding tables in DB2 database. This data will be used by the Reporting System to generate report files.

**Responsibilities:**

* Studying thebusiness requirement and worked extensively with Project Manager, BA’s and users to effectively capture the user specifications.
* Extensively used Data Stage stages namely Data set, Sequential file, Transformer, Aggregate, Sort, Remove Duplicates, Join, Lookup, Change Capture, Funnel, Peek, Row Generator, Filter stages in accomplishing the ETL Coding.
* Extensively dealt with change capture techniques for implementing slowly changing dimensions process.
* Developed Parallel Jobs which loads Dimension Tables and maintained Surrogate key generation in multiple run.
* Written X-query to fitch the XML data from tables and used XML Input/output/Transformer stages to process that data
* Developed Subject Area Jobs for performing all the transformations required in the data process for creating the load ready files.
* Designed ETL jobs incorporating complex transform methodologies using Data Stage tool resulting in development of efficient interfaces between source and target systems.
* Used DB2 stage to load data into mart tables and DB2 bulk load stage to load data into staging tables.
* Used ABAP, IDoc, BAPI Stages SAP R/3 stages to connect SAP system using IBM datastage
* Involved in Development of Stored Procedures, Materialized views, Functions, Packages, Exceptions and Cursors using PL/SQL.
* Worked on datastage upgrade from 8.5 to 8.7 and tested the jobs after the upgrde
* Performed unit as well as integrated testing to validate the job designs and check for data reliability.
* Worked with Data stage Manager for importing metadata from repository, new job Categories and creating new data elements.
* Familiar with import/export of Data Stage Components (Jobs, DS Routines, DS Transforms, and Table Definitions) between Data Stage Projects, use of Dataset Management (DSM) utility and multiple jobs compile utility with use of Data Stage Director.
* Used Information Analyzer to conduct end to end data profiling and content analysis.
* Worked with Information Analyzer and Quality Stages to understand and cleanse metadata to build Data Model.
* Excessively used DS Director for monitoring Job logs to resolve issues.
* Involved in the migration of Data Stage jobs from development to QA and then to production environment.

**Environment:** IBM Websphere Data Stage 8.5/8.7 (IBM Websphere Datastage and Quality Stage Designer, Director, Administrator),DB2UDB 9.8, Flat files, SAP R/3 ABAP, IDoc, BAPI ,XML,UNIX-AIX, Sequential files, Autosys, SQL, PL/SQL, UNIX Shell Scripting, DB2 Visualizer.

**PNC BANK, Riverdale, MD July 2010 to April 2013**

**Role: Datastage Developer**

The objective of the project is to automate the process to receive data related to loans issued and serviced every month pertaining to mortgage business and do required mappings, validate and load in to the collateral database. Also compare the loans issued data with loans serviced every month and report missing and discrepancies

**Responsibilities:**

* Working as a ETL developer to implement the ETL Jobs by using IBM Datastage.
* Written high level, detail level design documents.
* Developed the datastage jobs, sequencers and modified the existing datastage jobs.
* Created jobs that are used to aggregate, sort, merge data that we get from third party servicers.
* Extensively used all kinds of stages like LookUp, Join, Sequential File, Transformer, DataSet, Peak, Funnel, Row Generator, Row Merger and other stages
* Developed a process in DataStage to validate the extensive loan accounting data and report exceptions.
* Used SAP IDOC to move data between SAP instances
* Strong Knowledge of Data Warehouse Architecture, Star Schema, Snow flake Schema, Fact tables and Dimensional tables.
* Integration of various data sources like Oracle and Ms-Access.
* Created XML files as data extract reports for sending to other systems.
* Converting historical Access data source .csv files load them in to Staging, dimension tables after the aggregations to load them in to fact tables.
* Developed scripts to create tables, views, synonyms, sequences, PL/SQL stored procedures, functions, packages and database triggers.
* Developed ETL control model to capture the results for the file, table counts, Job run times and raise exception if any variance between file and table counts.
* In file validations job, verify file level checks like, duplicate, schema validation, transmission sequence number validation.
* Played a key role in designing, developing, unit testing and implementing the audit functionality to make sure all records are passing from source to target.
* After the validations, developed data stage jobs for preparing and loading into ODS.
* Imported the contents of DataStage and FastTrack into Business Glossary. Created data lineage and impact analysis reports in Metadata Workbench.
* Developed the datastage job sequencers to implement job execution logic.
* Wrote Unit test plan documents, captured the test logs and created the test summary results.

**Environment**: IBM Websphere DataStage 8.5/8.1.2 (PX & Server),Oracle 11/10.2g,TOAD 9.7, Sun Solaris, Mainframe, Access data Flat files, Autosys,PL/SQL, SAP-ABAP, IDoc, BAPI

**Aetna, CT June08-June10**

**Role: Application Tech Specialist**

The objective of the project is to know the reserves for LTD (Long Term Disability) claims. This project tells that how much amount Aetna have to reserve for LTD claims in Disability management. It involves the extracting the source data from heterogeneous systems and stage them in the data stage and load into ARES server (SQL 2005 server).

**Responsibilities:**

* Involved in design and development of complex Parallel and Server Jobs.
* Actively participated in business meetings with the business users in order to gather the business requirements.
* Used Datastage job Sequencers and ZEKE to Schedule and run the Datastage jobs.
* Collected the information about different Entities and attributes by studying the existing ODS and reverse engineering into Erwin.
* Worked on integration of Health Claims ODS from legacy systems.
* Good knowledge on Voluntary Insurance plans to employers to offer total Insurance packages and good knowledge on policy and claims processing.
* Used DataStage director for job scheduling and monitoring. Used Datastage manager to define table structures and metadata.
* Developed parallel jobs between multiple source systems.
* Used FastTrack to automate creation of ETL DataStage jobs, to leverage published profiling results from Information Analyzer and to create and link Business Glossary terms and their relationships.
* Involved in system testing and unit testing.
* Responsible for supporting and managing database activity during the development process.
* Involved in building various logics to handle Slowly Changing Dimensions, Change Data Capture, Upserts and Deletes for Incremental Loads in to the Data warehouse.
* Analyzed and implemented new Business rules for the existing jobs.
* Developed ETL High level and low level design document and production implementation documents.

**Environment: IBM** DataStage V8.1 Suite (Designer, Director, Administrator, ProfileStage, QualityStage , Business Glossary, Metadata Workbench & FastTrack), SQL Server 2005, Oracle 10g/11i, AS/400, ERwin4.0, IBM AIX 4.2/4.1,PL/SQL.

**Vanguard, Malvern, PA Apr 2007 –June 2008**

**Role:Datastage Developer.**

The objective of the project is to provide Vanguard Retail with reliable and actionable information so that better business decisions can be made which could improve marketing and service performance. The Analytics Enablement program is focused on providing a more flexible data warehouse environment to support enhanced analytics, reporting and modeling needs.

**Responsibilities**:

* Created complex data stage jobs in Enterprise Edition using various stages.
* Used DataStage Designer to develop **server**&**parallel** jobs for extracting, transforming, integrating and loading data to targets.
* Involved in building various logics to handle Slowly Changing Dimensions, Change Data Capture, Upserts and Deletes for Incremental Loads in to the Data warehouse.
* Developed ETL High level and low level design document and production implementation documents.
* Experience in using Teradata Utilities (BTEQ, MLOAD, FASTEXPORT) and Teradata HASH functions for analyzing data placement.
* Did error handling and performance tuning in Teradata queries and utilities.
* Involved in data reconciliation in various source system and in Teradata.
* Used the Datastage Administrator to assign Privileges to users or user groups (to control which DataStage client applications or jobs they see or run), move, rename, or delete projects, and manage or publish jobs from development to production status.
* Created jobs that are used to aggregate, sort, merge data that we get from third party services.
* Used Datastage **job Sequencers** and **Control- M** to Schedule and run the Datastage jobs.
* Experience with Configuration of Sources and Analysis Settings.
* Used Information Analyzer to conducted end to end data profiling and content analysis
* By using IA Conducted column analysis, primary key analysis, and cross domain analysis.

**Environment:** IBM Web sphere DataStage 8.0.1/7.5.2,SQL Server 2012,DB2UDB7.2,Teradata, Oracle 10g, TOAD, PL/SQL, SQL Loader, AIX-UNIX 5.3, Control-M.

**Freddie Mac (Federal Home Loan Mortgage), McLean, VA July 06 – March 07**

**Role: Technical Analyst.**

**CDW (Corporate Data warehousing)/ PE (Project Enterprise)**

Freddie Mac is a shareholder-owned company whose people are dedicated to lowering the costs and increasing access to quality housing for more of America's families. The **Corporate Data Warehouse (CDW)** is a data repository that makes accessible historical and current business relevant data as of the prior business day.

**Roles and Responsibilities:**

* Used the Datastage Designer to develop processes for extraction, cleaning, transforming, integrating and loading data into data warehouse database.
* Run, Monitor the jobs with Datastage Director.
* Extensively used DataStage- Designer to design and develop Server and Parallel Extender jobs to migrate data from transactional systems (Mainframe DB2, VSAM files, Sybase, DB2UDB) into the Data Warehouse.
* Worked with Datastage Manager to Import, Export Datastage Jobs from one environment to another (ex: dev to prod).
* Used clear case, clear quest Version Control to move the scheduling jobs from development to production.
* Developed stored procedures to load historical data and to update, insert or deletion of data as per the business rules for **type 2 dimension** tables.
* Used MCM to move mainframe SAS, COBOL and JCLs from Dev to Prod.
* Involved coding the Cobol/JCL and modified the existing Cobol/JCL programs and PROCS to include the additional logic and writing and modifying the copybooks to include the additional fields.
* Performed Data Cleansing and Conversion of Mainframe datasets from EBCIDICtoASCII format.
* By using the Datastage FTP stage we loaded the mainframe data.
* Developed all the jobs confirming to the SOX specifications.
* Wrote Data Quality Jobs for doing the source to target compare using SAS.
* Automated the sending of data quality reports to the management/business users.

**Environment:** Ascential DataStage 7.x Parallel Extender (Manager, Designer, Director, Administrator), Mainframe DB2, DB2UDB, DB2 Bulk Loader, SQL, SQL Server 2008/2012,UNIX Korn Shell Script, JCL, Cobol II, Autosys, ClearCase/ClearQuest, Windows 2000/NT, IBM AIX, OS/390, MVS.

**ICICI, India: July 2005 – June 2006**

**Role: Data Analyst**

**Project:** The application is responsible for the full lifecycle development of the office automation product. This is a generalized product, which is very useful for ICICI gents. It deals with new policy Entry for a new or existing customer. Reminders will be generated automatically for due policies. Business or Commission can be viewed graphically.

**Responsibilities:**

* Created forms for new Policy entry détails.
* Responsible for maintaining Policies as per the Customer requirement.
* Wrote SQL queries for data extraction.
* Creation of Reports that allows the user to retrieve complete information as required for the financial status like monthly reports, day to day transaction.
* Customizing and designing reports using Oracle Report Writer.

**Environment** : Oracle 7.3, SQL, Oracle forms 4.5, Oracle reports 2.5, UNIX and Windows.