



RAJESH HEMMADI

TECH LEAD

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OBJECTIVE

To become successful technical asset by leveraging my 10+ years of experience in the field of Data warehouse, Automation, Testing and Web technologies. Utilize the various skillsets and work towards a common goal which will help me and the organization to grow mutually.

SKILLS

DWH / ETL

Data Warehouse Concepts	
ETL Process	
SQL (Structured Query Language)	
Teradata, DB2, MySql, Postgres, Oracle, SQL Server, Hive	
DataStage	
Query Surge	
Big Data	
Talend	

Automation / Programming

Python Programming	
Unix Shell Scripting	
Selenium	
Excel VBA/Macros	
Windows CMD / PowerShell	
Jenkins, Github, BitBucket	
Java	

WEB TECHNOLOGIES

Django	
HTML, CSS, CSS Frameworks	
Ionic, Angular, Javascript	
REST API's	

IN PROGRESS / ASPIRATION

Cloud Computing	
AWS, Google Cloud	
Fire Base	
Vue	
Data Science / Pandas	

Good Working Knowledge Basic Working Knowledge Basic Knowledge

ACCOMPLISHMENTS

- Developed TDM (Test Data Management) Tool using Django Framework
- Developed Automation Orchestration Tool called ETL AUTO using Django Framework and scripting languages
- Successfully completed “An Introduction to Interactive Programming in Python” online course offered by RICE University with Distinction
- Won Code Master Award in the CodeStorm competition held internally at Wipro Technologies
- Developed a Excel tool named IDVT (Integrated Data Validation Tool) to Integrate and validate data between multiple systems/databases.
- Participated in HACKATHON arranged by Standard Bank (Top 15)

WORK EXPERIENCE

Summary

Overall 10+ years’ experience in Process Automation, Data Warehouse, Migration, ETL Testing. Developed Tools/Scripts to automate manual tasks. Playing a Consultant role in the Data warehouse and Automation space.

Well versed in understanding client requirement and deliver the tasks within time and with utmost dedication and quality. Working at client location at Johannesburg South Africa. Overall 5+ years of Onsite exposure.

Good knowledge in SQL, DWH Testing Skills, Shell scripting and Python programming.

WIPRO Technologies · Tech Lead · April 2012 - Current

TECH LEAD DWH

Domain : Banking and Finance
Duration : December 2018 – Current
Role : TECH LEAD
Database : Teradata, DB2
Platform : Unix, Windows 7, MainFrame
Tools Used : Datastage, Python, Shell Scripting, Teradata SQL Assistant, ETL

Description:

Data Platform team Responsible to provide Enterprise wide curated data

Enterprise Information Warehouse is built on top of Teradata database

Extract Transform and Load jobs are built to load data from different source system

Responsibilities:

Design and Develop new ETL jobs, maintain existing jobs and improve performance of the jobs.

Conduct Unit testing and functional testing of the jobs

Schedule jobs using Tivoli Work Scheduler

Usage of complex SQL queries to extract data from curated database.

WORK EXPERIENCE

AUTOMATION/DWH CONSULTANT / TDM

Domain : Banking and Finance
Duration : November 2017 – November 2018
Role : TECH LEAD
Database : Teradata, Postgres, SQL Server, Hive
Platform : Unix, Windows 7, MainFrame, Big Data
Tools Used : Datastage, Talend, Python, Django, Shell Scripting, QuerySurge, Talend

Responsibilities:

Play a lead consultant role in the Automation and Data Warehouse space.

Assist team members to write Automation Scripts.

Share knowledge on working with QuerySurge

Educate team members with DWH knowledge and Testing concepts

Analyze, Design, Develop and Test the Test Data Management Application.

Design Test Techniques for new projects and identify the best approach to complete the project in time with quality.

Keep an eye on emerging technologies and implement new ways of work.

Stored data on TDM is exposed through User interface and also through REST API

ETL AUTO APPLICATION

Domain : Banking and Finance
Duration : August 2016 – June 2017
Role : Senior Test Engineer
Database : Sqlite3
Platform : Unix, Windows 7, MainFrame
Tools Used : Python, Django, HTML, CSS, Git

Summary:

ETL AUTO Application serves as an automation orchestrator tool

Various reusable scripts can be run using the user interface

Status of the automation script can be monitored

Responsibilities:

Analyze, Design, Develop and Test the ETL Auto Application.

Development of Application using Django Framework

Various reusable scripts are developed like ftp, ssh, python scripts etc:

Handled this project all alone

WORK EXPERIENCE

SBSA-EIW-DWH-TESTING BR5/BR6

Domain : Banking and Finance
Duration : June 2013 – October 2016
Role : Senior Test Engineer
Database : Teradata
Platform : Unix, Windows 7, MainFrame
Tools Used : Teradata SQL Assistance, Quality Center, Excel, Datastage

Description:

Business Release 5/6:

Currently CRM sends BP related data using MQ by following push methodology. This methodology will be replaced by new dataflow i.e. EIW request the data from Partner Sync via a TWS scheduled job.

The data sent by Partner sync will be loaded to EIW Teradata tables. The advice files in xml format will be provided to EIW via Connect Direct by the Partner Sync.

Partner sync will provide the below following advices.

- BP Data Advice
- Product Portfolio Advice
- Relationship Advice

Responsibilities:

- EIW source data extracts testing in landing area.
- Central Staging Area database tables, Meta data and ETL jobs validation.
- Testing of Data movement/ comparison from landing to staging area.
- General Store database tables, Meta data and ETL jobs validation.
- Testing of Data movement/ comparison from staging to GSA area loaded using MRI reference tables, ETL
- Jobs and database table validation.
- Testing of business rules applied.
- Testing of reports generated by using EIW Teradata tables
- Error handling and Audit logs validation.
- All the testing have to be done using SQL queries and Excel sheet
- Uploading requirements and test cases to QC and mapping to each other
- Knowledge transfer to off Shore team , coordinate with them for successful execution of testing

WORK EXPERIENCE

SBSA-HUB-EIW-DWH-TESTING BR4

Domain : Banking and Finance
Duration : 01.01.2013 - 01.06.2013
Role : Senior Test Engineer
Database : Teradata, DB2
Platform : Unix, Windows 7
Tools Used : Teradata SQL Assistance, Quality Center, Excel, Aqua Data Studio

Description:

EIM HUB BR4- Leads, Queries and Complaints

Objective of EIM Hub BR4 project is to source Leads, Queries and Complaints data from SAP-BW through EIM HUB to EIW MIS and analytical reporting. The relevant data is sourced from various source systems to downstream systems for reporting and analytical purposes.

The source data is extracted and sent to a Landing area, via Connect Direct, within the ETL COE environment ("Hub"). The data is then transformed in the centralised Data Staging Area and loaded into a General Store repository, with only the required data fields for the downstream systems.

The benefits are:

- Streamlining of data extraction
- Reduction of superfluous data extractions
- Introduce a standard communication mechanism between systems and reduce integration risk
- Redundancy and support
- Provide complete, unchanged data at the most granular level

Responsibilities:

- Going through the FSS, TSS and Mapping Specification Documents
- Write Test scenarios covering all the possibilities
- Write Test Cases as per the Functionality
- Prepare Test data as per the requirements.
- Test cases and Requirements are uploaded to QC and made sure that they have been mapped properly.
- Execution of test case for ETL jobs
- Verify the mismatch in data and count between source and staging tables (HUB) using Excel sheet and SQL queries as Source was a fixed file format.
- Verify the mapping document for data types between source and staging tables and Target tables
- Test data loaded to Teradata tables by executing the SQL queries
- Verify the Target tables for data type validation
- Verify the mismatch in data and count between Target table (EIW) and staging tables (HUB) using SQL queries
- Verify all the business Rules are met as specified in FSS.
- Creation of Daily status report to share with project stake holders
- Update the proper status on the execution during the Defect triage call.
- Follow up with the required stake holders for more information wherever required

WORK EXPERIENCE

LBG-GOLD-FLEX-MASTER

Domain : Banking and Finance

Duration : 30.04.2012 - 31.12.2012

Role : Test Engineer

Database : Teradata

Platform : Unix, Windows 7

Tools Used : Teradata SQL Assistance, Quality Center, Excel, Aqua Data Studio

Description:

The GOLD program is a 3 year initiative approved by the Group Strategic Review that will deliver tangible business benefits and will drive incremental value year on year. GOLD Release 1 requirements consists of 6 initiatives/work stream*360 (Single) Customer view*Central Marketing Decision Engine*Customer Interaction Plan /Leads*Retention*Customer Lifetime Value*Personalised Product PricingOut of these 6 work streams, GDW will be impacted only by the first initiative i.e. 360 Single Customer View (SCV) that will enable Banking Group to leverage insight driven from customer data across the group and turn deep customer understanding into value for the bank and their customers.

Responsibilities:

- Going through the MLPD, TDD for Teradata and DPAD for datastage
- Write Test scenarios covering all the possibilities
- Write Test Cases as per the Functionality
- Prepare Test data as per the requirements.
- Execution of test case on Unix environment for Datastage jobs such as Preprocessing and ETL jobs such as Extraction, Transformation and loading
- Verify the mismatch, count between source and staging tables using SQL queries
- Verify the mapping document for data types between source and staging tables
- Verify the 2nd staging tables for surrogate keys
- Test Teradata part by executing the BTEQ jobs
- Verify the mismatch, count between Target and staging tables using SQL queries
- Verify the Target tables for data type validation
- Monitor the feed process starting from design phase to delivery

WORK EXPERIENCE

Kudos Knowledge Services Pvt Ltd · Business Analyst · July 2009 – March 2012

DWH- SSGA

Domain : Banking and Finance
Duration : 27.07.2009 - 16.03.2012
Role : Business Analyst
Database : VISION, My SQL
Platform : Unix, Windows 7
Tools Used : DQAD, SIMPL, EXCEL

Description:

SSGA's Portfolio managers were dependent on the tool SIMPL for their daily reporting purpose this tool was using the database VISION which was maintained by Kudos Knowledge Services Pvt Ltd.

Data was loaded to database on a daily basis as well as weekly and monthly for the reconcile purpose.

Portfolio Managers face any problem with related to Reporting they used to come back to us we then verify the data and suggest them the solution or make the necessary changes. Source was sent by different systems as the data which was loaded to database is of different country stocks with the everyday closing rates. Securities were managed properly whenever there was Mergers and acquisition took place.

Responsibilities:

- Test everyday load received from different source systems
- Validate the jobs which loads data to the VISION Database
- Validate the data loaded to database using VISION Queries
- Validate and Manage Batch jobs on Unix environment
- Execution of test case for jobs such as Pre-processing and ETL jobs.
- Verify the mismatch, count between source and staging tables using VISION queries
- Extensive use of Excel to automate repetitive works
- Use SQL queries for validation between source and Mysql database
- Interaction with clients to resolve major issues found on process
- Report validation
- Liaison Between the company and client, Investment Data Integrity, Handling Corporate action data Management services.
- Responsible for Collecting, Documenting, Managing, Understanding and Communicating business and technical requirements and goals to Investment Banking Application Development team.
- Coordinating with International teams for data collection, processing, converting, manipulating and validating and contacting different market data vendors like Barra (Risk Model), RITS (Rational Index Tracking System), PMIS, RKS, FACTSET, Worldscope, etc.
- Resolving the requests from the clients (Portfolio Manager) within specified time.
- Designing Data quality checks at different levels of the DI process.
- Monitor the feed process starting from design phase to delivery

EDUCATION

- ❖ 2009: MBA (Finance) from PESIT (Affiliated to VTU) with 65.56%.
- ❖ 2007: B.Com from Mangalore University with 57.82%
- ❖ 2004: PUC in Commerce from Mangalore University with 70.80%.
- ❖ 2003: Diploma in Mechanical Craftsmanship from HTTI Mangalore with 74.5 %.
- ❖ 2000:SSLC from Canara High School Mangalore with 60.96%

PERSONAL SKILLS

- ❖ Dedicated towards work, Cool calm approach to problems, hard working, multitasking and willingness to learn, knowledge sharing.
- ❖ Ability to understand critical situation and take right decision.
- ❖ Good in understanding technical aspects both in Computer as well as Financial.
- ❖ Possess good communication skills
- ❖ Team player