



# RAJESH HEMMADI

TECH LEAD

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## OBJECTIVE

To become successful technical asset by leveraging my 11+ years of experience in the field of Data warehouse, Automation, Development, Testing and Web technologies. Utilize the various skillsets and work towards a common goal which will help me and the organization to grow mutually.

## CERTIFICATIONS



## 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, Power Designer	●

### 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, React, Javascript	●
REST API's	●
Vue/Nuxt	●

### OTHERS / ASPIRATION

Cloud Computing	●
AWS, Google Cloud, Azure	●
Fire Base	●
Data Science / Pandas / Spark	●



Good Working Knowledge



Basic Working Knowledge



Basic Knowledge

## ACCOMPLISHMENTS

- **Scored 100%** - AWS Certified Developer Associate Certification
- Developed TDM (Test Data Management) Tool using Django Framework
- Developed Automation Orchestration Tool called ETL AUTO using Django Framework and scripting languages
- **Won Code Master** Award in the CodeStorm competition held internally at Wipro Technologies
- Developed an Excel tool named IDVT (Integrated Data Validation Tool)
- Major contribution to Micro Service Architecture in the Data Warehouse space.

## WORK EXPERIENCE

Overall 11+ years' experience in Process Automation, Data Warehouse, Data Flow, Migration, ETL. 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 7+ years of Onsite exposure.

Good knowledge in SQL, DWH, ETL, ELT, Data, Analysis, Development, Profiling, Testing, 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, Sqlite3, Postgres, SQL server

Tools Used : Datastage, Python, Shell Scripting, Teradata SQL Assistant, ETL, ELT, Power Designer, PL/Sql, Docker, Micro Services, Confluence, JIRA, Bitbucket, Jenkins, Excel, Power Point, Power BI, MainFrame, TWS

#### Description:

- Data Platform team Responsible to provide Enterprise wide curated data
- Enterprise Information Warehouse is built on top of Teradata database

#### Roles & Responsibilities:

- Major contribution in face-lifting the existing warehouse to new Micro Service Architecture.
- Design Data flows, work on Functional/Technical/Mapping Specification documents.
- Design Workflows and solutions for New Micro Services architecture to deal with both structured and semi structured data.
- Streaming data to be considered as part of new design patterns. Usage of data products from Data Reservoir.
- Document artifacts on Confluence and provide detailed design/reference where necessary.
- Design and Develop new ETL jobs, maintain existing jobs and improve performance of the jobs.
- Understand Business requirement and write PL/SQL to populate Data Marts.
- Plan/Build solutions in line with Teradata's FSLDM and FSAS.
- Exposure to Python, Docker, Jenkins, DevOps, Unix, TPT etc. Make the overall value chain as robust as possible.
- QA Review team member Jobs and aid where necessary.
- Manage End-To-End Project Delivery. Trouble shoot and resolve business/BI data issues.
- Meet stake holder's expectations, present design/solutions to larger audience.

## 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, Bit Bucket, JIRA, Confluence, Power Point, Power BI

#### Summary:

Playing a consultant role. Being part of multiple teams and processes. Be part of the project initiation and new changes. Propose internal solutions for effective delivery of projects.

#### Responsibilities:

- Play a lead consultant role in the Automation and Data Warehouse space.
- Document and Present Solutions/Architecture to Engineering Team.
- Assist team members to write Automation Scripts.
- Educate team members with DWH knowledge and Testing concepts.
- Build workflows and dataflows for the applications.
- 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.
- Stored data on TDM is exposed through User interface and through REST API
- Decide which system to source data for Quality Engineers
- Design end to end solutions for Data movement from source to TDM application.

### ETL AUTO APPLICATION

Domain : Banking and Finance  
Duration : August 2016 – June 2017  
Role : Senior 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. Designed this application from scratch.
- Development of Application using Django Framework
- Various reusable scripts are developed like ftp, ssh, python scripts etc:
- Handled this project all alone
- End to end automation flow.

## WORK EXPERIENCE

### SBSA-EIW-DWH

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

#### 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:

- Understand Functional Specification and come up with Technical specifications document.
- Build mapping documents on fast track.
- Develop ETL Jobs, verify the design.
- Conduct testing at different stages of data movement.
- Testing of Data movement/ comparison from landing to final target area.
- Reference Jobs and database table validation.
- Testing of business rules applied.
- Build complex SQL to achieve testing in an expected manner.
- Build internal tools to assist in development/testing.
- Write test plans, prepare reports for presentation on testing status.

### LBG-GOLD-FLEX-MASTER

Duration : 30.04.2012 - 31.12.2012 Role : Engineer

#### Responsibilities:

- Going through technical document for datastage Jobs.
- Write Test scenarios covering all the possibilities
- Execution of test case on Unix environment for Datastage jobs such as Preprocessing and ETL jobs such as Extraction, Transformation and loading
- 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.

#### Responsibilities:

- Analyse the data requirements.
- Test everyday load received from different source systems
- Validate the jobs which loads data to the VISION Database
- 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.

## 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, hardworking, 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