**Vasanthakumar Ramaiyan, Senior Talend Lead**

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**SUMMARY**

* Around 15+ years of IT experience with expertise in Talend Data Integration, Talend Big Data, Talend Cloud, Snowflake, MSBI, MSSQL Server 2005/2008/2012 suite of products like SSIS, SSAS and SSRS.
* Experienced in data extraction tool Talend Data Fabric Platform for Data services.
* Worked on Talend Big Data with Hadoop Spark ingestion framework.
* Good Knowledge on Hadoop Architecture and its ecosystem.
* Experience in optimizing Hive queries and spark ingestion jobs.
* Provide guidance to development team working on Python script as a ETL designer.
* Implemented Snow pipe for continuous data ingestion from the S3 bucket.
* Worked on Snowflake tables from the internal stage using Snow SQL.
* Practiced import and Export from the internal stage (Snowflake) from the external Stage (AWS S3).
* Use Snow Pipe for Continuous data ingestion from the S3 bucket.
* Practiced on Talend ESB Components, REST, REST Client, Web Services & SOAP.
* Engaged in Qlik Sense and Qlik view migration to Tableau Data visualization using Snowflake.
* Good hands-on experience in Talend Framework Implementation for Enterprises ETL Jobs.
* Experienced in Informatica Workflow Migration to Talend Jobs using enterprise features.
* Experience in Implementation of Change Data Capture and Slowly Dimensional Changes in Data warehouse system using Talend Enterprise Software.
* Proficient in designing highly flexible Database Architectures and Data Modeling, Data Mapping, Table Normalization, Optimization and Tuning.
* Experience in Data migrating between different homogeneous/heterogeneous systems and SQL Server as a part of Data Migration and Data Maintenance.
* Good knowledge of RDBMS and Data Warehouse concepts, OLTP & OLAP.
* Extensive experience in working with T-SQL queries (DDL and DML) and writing complex stored procedures, Indexed views and triggers for data consistency and manipulation.
* Experienced on Extraction, Transformation and Loading (ETL) process using DTS and MS SSIS tools.
* Strong Analytics/Data warehouse experience using SAP Business Objects Data Services/ Data Integrator.
* Extensive experience with Database Backups, Restoration & Disaster Recovery Procedures, Backup strategies and scheduling Backups.
* Experience in Crystal Reports, Reporting Services for MS SQL Server and SQL Server Agent in Services.
* Experience in following domains: Health Care, Pharmaceutical Supply Chain, Investment/Banking, Health Insurance, Financial and Telecommunication.
* Excellent team player with good organizational, communication, interpersonal & analytical skills. Possess strong ability to quickly adapt to new applications requirements, processes, platforms and languages.

**Education:**

Bachelors in Electronics and Communication engineering from Anna University, India - 2008

**Corporate Responsibilities:** Conducting Interviews, Participate Solution Proposal, CoE activities.

**International Language Proficiency**: English & Spanish

**TECHNICAL SKILLS**

**ETL Tool:** : Talend Platform DI 4.x, 5.x, Talend Big Data 6.x, 7.x, Talend Data Fabric &SSIS

**Databases** : SQL Server 2005/2008/2010/2012/2016, Oracle 9i, MongoDB

**Languages** : C, C++, T-SQL, PL/SQL, ASP.NET, Visual Basic 6.0, VB.Net.

**Scripting Languages** : HTML, VBScript

**Operating Systems** : Windows Server 2003, Windows Server 2008, Windows XP.

**Tools** : Visual studio 2016/2012/2010/2008, Erwin 4.0/3.5, IIS, SAP BO 11.5.

**Reporting**  : SSRS and SAP Crystal Report. Analytical Tool: IBM Congo’s

**Certification** : Project Management Essentials Certified (PMEC)TM

**Institution** : Management and Strategy Institute LLC, Pennsylvania, USA

 Microsoft Certified Technology Specialist

 Microsoft Certified SQL Server 2008 Database Development

**PROFESSIONAL EXPERIENCE**

**Ascendion, Irving, TX AUG 2023 – FEB 2024**

**Client: Centene**

**Date Warehouse Specialist**

**Role: Senior Talend Developer/ Snowflake Developer**

* Designed and Developed/Enhanced product for new features and applied advanced implementations in Talend Big Data framework for HealthCare.
* Worked on creation of healthcare claims of Medicare, Medicaid and Commercial federal program using Talend tHMap for Claims adjudication.
* Worked on Mongo database object ingestion for Claims data and extraction of claims data for Electronic Data Interchange (EDI) files creation.
* Validation of Claims adjudication in Mainframe systems.
* Practice on Data Masking of Subscriber information of healthcare systems using Talend framework algorithm.
* Designed and Developed/Enhanced product for new features and applied advanced implementations in Talend Cloud using Snowflake SaaS cloud data lake for Travel domain.
* Strong experience in Extraction, Transformation and Loading (ETL) data from various sources into Data Lake implemented using Talend Data Integrator as ETL tool Snowflake cloud MPP in AWS cloud.
* Used Snow pipe for continuous data ingestion from the S3 bucket.
* Loading data into Snowflake tables from the internal stage using Snow SQL.
* Use import and Export from the internal stage (Snowflake) from the external Stage (AWS S3).
* Use Snow Pipe for Continuous data ingestion from the S3 bucket.
* Developed snowflake procedures for executing branching and looping.
* Created clone objects to maintain Zero-copy cloning.
* Performed data quality issue analysis using Snow SQL by building analytical data warehouse on Snowflake.
* Cloned production data for referencing and testing.
* Perform troubleshooting analysis and resolution of critical issues.

**Environment:**

Talend Real-time Big Data Platform 7.3, Mongo DB 4.2, EDI X12 837, Snowflake, JIRA, GitHub, Agile,

 Windows, Linux

**HCL Technologies Limited, Bangalore, India MAY 2021 – JUL 2023**

**Clients: BJS Wholesale Club, DocuSign, OnSemi**

**Role: Senior Talend Developer/ Snowflake Developer**

HCL Technologies Ltd (HCL) is a provider of software and IT infrastructure services. The company offers a range of solutions in IT infrastructure management services, digital process operations, cloud native services, cybersecurity services, digital and analytics services, DRYiCE, IoT works, HCL software services, SIAM/XaaS products & advanced services, industry software services, and engineering and R&D services.

* Designed and Developed/Enhanced product for new features in Talend Big Data Framework.
* Strong experience in Extraction, Transformation and Loading (ETL) data from various sources into Data Warehouses and Data Marts using Talend Data Integrator as ETL tool on Oracle and SQL Server Databases.
* Engaged in Qlik Sense and Qlik view migration to Tableau Data visualization using cloud data sources.
* Worked on Bigdata & Cloud technology to migrate Data into Snowflake system using internal data ingestion framework.
* Good Knowledge on Hadoop Architecture and its ecosystem.
* Provide guidance to development team working on Python script as a ETL designer.
* Experienced on Semiconductor domain to support Tableau team to create Tableau Data Extract using SQL
* Install and operationalize to enable enterprise-wide Data Quality tool working with core Business Units through continuous Profiling techniques to establish Data Quality practices within TD ecosystem
* Worked on Qlik View conversion to Tableau dashboard creation with Cloud Snowflake system as data source.
* Worked on Qlik Sense conversion of QVD scripts into Snowflake model implementation for data visualization.
* Participated requirement gathering, solution proposal, implemented metadata driven framework, analysis change requirement…
* Used various transformations like Filter, Expression, Sequence Generator, Update Strategy, Joiner, Stored Procedure, and Union to develop robust mappings in the Talend DI Designer used different sources like Oracle, Mainframes and Flat Files to Extract Data.
* Designed and Developed/Enhanced product for new features in Talend cloud to load data into Workday cloud HRMS suite.
* Hands-on troubleshooting issues, debugging, fix on priority, change requirement analysis.

**Environment:**

Talend Cloud 7.2, Snowflake, Workday, Qlik View, Qlik Sens, JIRA, GitHub, Oracle, Agile, Windows, Linux

**SightSpectrum, Chennai, India JUN 2020 – MAY 2021**

**Clients: AstraZeneca**

**Associate Consultant**

**Role: Senior Talend Developer, Snowflake Developer**

SightSpectrum LLC (www.sightspectrum.com) is a technology start-up focusing on Data, Analytics, Cloud and AI, based out of the US and India. The Founders (ex-Cognizant) have 20+ years of experience and have done project delivery worth $1Bn for fortune 1000 customers. We focus on Consulting Services, Product Professional Service, Specialized Staffing and a unique training factory. We have 75+ customers, 500+ Employees, 7 offices working for customers in India, US, Canada, UAE, UK, South Africa, Germany and Switzerland.

* Designed and Developed/Enhanced product for new features in Talend Big Data Framework.
* Strong experience in Extraction, Transformation and Loading (ETL) data from various sources into Data Warehouses and Data Marts using Talend Data Integrator as ETL tool on Oracle and SQL Server Databases.
* Participated requirement gathering, solution proposal, implemented metadata driven framework, analysis change requirement…
* Strong experience in Extraction, Transformation and Loading (ETL) data from various sources into Data Lake implemented using Talend Data Integrator as ETL tool Snowflake cloud MPP in AWS cloud.
* Used Snow pipe for continuous data ingestion from the S3 bucket.
* Loading data into Snowflake tables from the internal stage using Snow SQL.
* Use import and Export from the internal stage (Snowflake) from the external Stage (AWS S3).
* Use Snow Pipe for Continuous data ingestion from the S3 bucket.
* Developed snowflake procedures for executing branching and looping.
* Created clone objects to maintain Zero-copy cloning.
* Performed data quality issue analysis using Snow SQL by building analytical data warehouse on Snowflake.
* Worked on Legacy Data migration into Cloud system using Talend Cloud.
* Worked on Premise Data migration into Aws Cloud using preoperatory framework with Agile Methodology.
* Used various transformations like Filter, Expression, Sequence Generator, Update Strategy, Joiner, Stored Procedure, and Union to develop robust mappings in the Talend DI Designer used different sources like Oracle, Mainframes and Flat Files to Extract Data.
* Designed and Developed/Enhanced product for new features in Talend cloud to load data into Workday cloud HRMS suite.
* Hands-on troubleshooting issues, debugging, fix on priority, change requirement analysis.
* Perform end to end validation to include Data Quality tool, Business Glossary, Reference data, Data Catalog, Policy Manager, Lineage, Stewardship, Dashboards and Workflows to act as enterprise-wide tool
* Worked on PL/SQL script creation to extract data from RDBMS systems to load data into target system.
* Worked on Spreadsheet dataset to create a data load template for Workday integration.
* Participated with team vendor to implement business functionality using Talend cloud tool.
* Worked on Talend job design, testing, publish into Cloud and migrate into production environment.

**Environment:**

Talend Cloud 7.2, Snowflake, Workday, JIRA, GitHub, Oracle, Agile, Windows, Linux

**Infosys Limited, Bangalore, India APR 2016 – MAY 2020**

**Clients: Bayer**, **Johnson Controls & Tractor Supply**

**Role: Senior Talend Developer**

Infosys is a global leader in next-generation digital services and consulting, with over four decades of experience in managing the systems and workings of global enterprises, expertly steer clients, in more than 56 countries, as they navigate their digital transformation powered by cloud and AI. Infosys enable them with an AI-first core, empower the business with agile digital at scale and drive continuous improvement with always-on learning through the transfer of digital skills, expertise, and ideas from our innovation ecosystem. They are deeply committed to being a well-governed, environmentally sustainable organization where diverse talent thrives in an inclusive workplace.

* Strong experience in Extraction, Transformation and Loading (ETL) data from various sources into Data Warehouses and Data Marts using Talend Data Integrator as ETL tool on Oracle and SQL Server Databases.
* Involved in the complete SDLC including Requirement Specifications, Analysis, Design, Development, & Testing of application.
* Designed and Developed/Enhanced product for new features in Talend Big Data Framework.
* Practiced on Hadoop Cluster Talend for Data Lake creates in Cloud Lab.
* Designed Talend dynamic framework to ingest data from RDBMS to API Data Lake.
* Write the JSON validation rules, XML data extraction, SOAP, REST API request/response, ESB data interface.
* Near real-time, Java Message data integration into POS system to connect Finance team.
* Worked on implementation of Data Modernization framework to ingest data from different files systems to Amazon Cloud Redshift S3 Data Lake.
* Mentor team in data migration from on premise to Microsoft Azure Cloud.
* Worked Omni Channel Returns using Talend DI as the main data integration interface between SAP, ESB, OMS, Oracle & Netezza systems.
* Worked on implementation of Automatic UI creation, Automatic retry on failure, Error Handling.
* Worked on data analysis, data profiling for designing, creating/updating Data Catalog, Data lineage documentation as
* Migrated data from various ERP systems into Hive Data Lake using Talend Big Data framework.
* Participated requirement gathering, solution proposal, implemented metadata driven framework, analysis change requirement.
* Participated on PoC, PoV, Onsite team, Business Stakeholders, Direct Client interaction from Requirement proposal to Production implementation.
* Used various transformations like Filter, Expression, Sequence Generator, Update Strategy, Joiner, Stored Procedure, and Union to develop robust mappings in the Talend DI Designer Used different sources like Oracle, Mainframes and Flat Files to Extract Data.
* Designed and Developed/Enhanced product for new features in Talend Big Data Framework. Practiced on Hadoop Cluster Talend for Data Lake creates in Cloud Lab
* Involved in analyzing different modules of data system and EDI interfaces to understand the source system and source data.
* Worked on implementation of Data Modernization framework to ingest data from different files systems to Amazon Cloud Redshift S3 Data Lake.
* Developed with data analyst and data modeler to design the complete data warehouse Schema using Erwin with proper relationships defined.
* Extensively Developed on Stored Procedures, Functions in T-SQL and PL/SQL.
* Used complex expressions to calculate, group, filter, parameterize, and format the contents of a report.
* Developed extensively on the Talend studio and canned reports to carry out the UAT.
* Developed on the ETL documentation for the Jobs. Experience with Cron Job scheduling
* Attended functional testing and user acceptance sessions and Developed on the feedback provided by them.

**Environment:**

Talend Cloud, Talend Big Data, Talend Data Fabric, JIRA, GitHub, Oracle, Microsoft TSQL, MySQL, PostgreSQL,

 Agile, Windows, Linux

**Cybage Software Pvt. Ltd., Pune, India JUN 2012 – APR 2016**

**Clients: Microsoft, Tech Data, Wyndam Hotel Group**

**Role: Talend Developer, MSBI Developer**

Cybage is a global leader in the Digital Product Engineering Services space. We have a strong track record of over 28 years in offering the most comprehensive and prudent digital product engineering services to technology-led businesses around the globe. Our award-winning services cover the entire spectrum of a software or technology product life cycle (PLC) and the product revamp.

* Responsible for developing tools for reporting tool in support of Enterprise Data warehouse.
* Extensive knowledge of using Package Configuration wizard to configure SSIS packages.
* Worked with team to developed Talend framework jobs to load data into different table for Email Campaign data integration.
* Implemented DI jobs to load data with configuration-based replicate into multiple systems for data monetization.
* Designed SSIS framework packages as per job specification to extract, clean, transform raw data into information.
* Implemented heterogeneous source system data extraction using source components with ADO connection, OLEDB provider, Flat File component etc.
* Designed workflow, dataflow task, transformation, Error Handling, Runtime Configuration in packages per requirement of business.
* Participated in all phases of DW Analysis, Requirement gathering, Code development, package deployment and support for job schedule and monitoring.
* Experience in converting SQL 2005 SSIS packages to 2012 SSIS
* Experience in writing script tasks using C# in SSIS packages
* Responsible for designing and implementing SSRS Reports (SQL Server Reporting services)
* Created views and Stored Procedures for generating report. Responsible for creating the reports based on the requirements using SSRS 2010/2012.
* Extensively Developed in sorting the data, defining subtotals for the reports
* Performance Tune the Stored Procedures, User Defined Functions and long running queries
* Wrote complex SQL queries, stored procedures, triggers, cursors and user-defined functions.
* Transferred the MS Excel Sheet Reports into SSRS based reports by migration the data by using SSIS packages and then Use views and tables and stored procedures to develop new reports.
* Created Excel for generating reports to state of Florida format using macro in excel by writing VBScript code.
* Incorporating business logic in SSIS packages while converting from Oracle, MS Access and Text to SQL Server. Creating new database/tables to put in the extracted data and rebuilding the relationship.
* Created Parameterized reports, Linked reports, Snapshot reports, Cached reports, Ad hoc reports, drilldown reports, Drill through reports and sub reports
* Interviewed Clients and management to identify additional reporting needs Develop report requirements and specifications to meet reporting needs.
* Used Team foundation server (TFS) for storing the store procedures, tables, indexes from development environment and used that for deploying into test and production environment

**Environment:**

 Talend Data Integration, MSBI, SSIS, SSRS, JIRA, GitHub, Oracle, Microsoft TSQL, MySQL, PostgreSQL, Agile, Windows, Linux

**Unilever Mumbai, India MAR 2011 – MAY 2012**

**Role: SQL/MSBI Developer**

Hindustan Field Services coordinates and manages retail execution, field sales, and marketing strategies across Brazil. With significant combined experience and an absolute focus on optimizing processes and providing trade insights, Modern Trade and General Trade delivers growth across retail channels and formats for its clients.

* Interacted with Development Teams and Managers to analyze business needs and technical specifications.
* Merged Data from Heterogeneous Data stores and Legacy System implementing SSIS on the System.
* Data Transformation Activities using SSIS Import/ Export for transferring data between different databases like oracle. Design new SSIS packages as per needs, Resolve the problems.
* Migrated and Converted Crystal Reports into SQL Server Reporting Services (SSRS) by using MS SQL Server Reporting Services.
* Experienced into Tested, Cleaned and Standardized Data meeting the business standards.
* Optimized the performance of queries by Data Manipulations which includes modifications in SQL queries, removed unnecessary columns, eliminated redundant and inconsistent data, normalized tables, established Joins and created clustered/non-clustered indexes wherever necessary.
* Designed workflow, dataflow task, transformation, Error Handling, Runtime Configuration in packages per requirement of business to.
* Implemented SQL Lite database for small footprint application run on handheld devices.
* Worked with Field team to extract reports from IBM Cognos for day-today operation.
* Designed executive dashboards to track data points and information report for key decisions.
* Deployed SSIS and SSRS, which helped connect its data sources that range from legacy mainframe data to multiple clusters of database server in different format.
* Created SSIS packages to export data from Oracle to SQL Server Database.
* Rectifying and performance tune the diamond data feed process. Debug, Performance tune and enable the DTS packages for error logging. After tuning the DTS packages now take minutes rather than hours load the same amount of data.
* Interviewed Clients and management to identify additional reporting needs Develop report requirements and specifications to meet reporting needs.

**Environment:**

 MSBI, SSIS, SSRS, JIRA, Oracle, Microsoft TSQL, MySQL, Windows, Linux

**Ramco System India, Chennai, India APR 2010 – MAR 2011**

**Client: Unilever**

**Role: SQL Developer, Cognos Developer**

Ramco System are a fast-growing enterprise software player disrupting the market with our multi-tenant cloud and mobile-based enterprise software in the area of Global Payroll, ERP, Logistics and M&E MRO for Aviation. We focus on Innovation and Culture to differentiate ourselves in the marketplace. Ramco’s key differentiator is its innovative approach to develop products through its revolutionary enterprise application assembly and delivery platform - Ramco VirtualWorks. The implemented project to enhance the ERP product in Supply Chain Management division of IBPIL-SCM division mainly focused in SCM demand, refilling, order tracking, supplier management areas for their internal needs and external customer order fulfillments.

* Extensively worked in T-SQL procedures to perform business requirement to technical code to enhance ERP product.
* Applied SQL code evaluation through Ramco ERP SQL profile evaluator and fixed the recommendation provided by the tool to increase the performance of the codes.
* Involved in Performance Tuning of Code using execution plan and SQL profiler. Added Indexes to improve performance on tables.
* Developed with Development teams in relation to application tuning and Performance tuning
* Participated code analysis, code fixing, code deployment, code retracement, team mentoring, and client interaction.
* Extensive experience in working with T-SQL queries (DDL and DML) and writing complex stored procedures, Indexed views and triggers for data consistency and manipulation.
* Experience in using tools like SQL Profiler, Index Tuning Wizard and Windows Performance Monitor for Monitoring and Tuning MS SQL Server Performance.
* Proactively monitored database systems to ensure secure services with minimum downtime.

**Environment:**

 MSBI, SSIS, SSRS, Microsoft TSQL, MySQL, Windows, Linux

**KA Software Solutions Pvt. Ltd., Chennai, India FEB 2009 – APR 2010**

**Client: Consul Neowatt**

**Role: SQL Developer**

KA Software Solutions provided products and services to customers’ needs to manage their human resource team through HRMS product which manage and associate the training related details of an employee which contains employee details, training details, skill set for the specific job title in that department.

* Developed Stored Procedures, functions and database triggers and maintained referential integrity and implemented complex business logic.
* Backing up system & other databases and restoring them as per requirements.
* Performance Tune the Stored Procedures, User Defined Functions and long running queries performance of SQL Server, which covers Database integrity checks, update Database statistics and re-indexing.
* Created backups and restore of database and schedule to run.
* Hands-on troubleshooting issues, debugging, fix on priority, change requirement analysis.
* Extensively worked in T-SQL procedures to perform business requirement to technical code in customized in-house solution.
* Implemented various kinds of Database functions, procedures, views, derived tables, common table expressions…
* Develop supporting functionality to track training requirements, training status, compliance document management.

**Environment:**

* Microsoft TSQL, MySQL, Windows, Linux