BHOJARAJAN V T J
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Experience Summary:

Data Warehouse/Data Lake/Data Architect with 15+ Years of experience in provisioning Data-Driven Solutions to add Business value, enhance customer experience and improve efficiency of the Organization. Strong knowledge & expertise in Building Data Engineering Solutions using ETL/ELT Technologies. Exceptional knowledge in a variety of Technologies like *Snowflake Cloud DWH, Matillion ETL/ELT, Qlik Replicate, SSIS, SQL Server, Oracle, SSRS, Qlik Sense, Tableau & Teradata*. Excellent Communication & Analytical skills which enables great collaboration with Business & Customers right from Requirement Gathering to Solution Delivery. Capable of handling large teams which work on full stack technologies and also play a vital role in Architecting end to end Data Solutions as per Business needs.

Technical skills:

ETL	: SSIS, Informatica, Matillion
Reporting & BI	: SSRS, Qlik Sense, Tableau
On-Prem Databases	: MS SQL Server, Oracle, Teradata
Cloud Data Platforms	: Snowflake, Amazon Redshift
Data Replication & Ingestion	: Qlik Replicate
Scripting Languages	: PL-SQL & T-SQL

Education:

Course	School/College	University/Board	Year Of Passing	Percentage
B.Tech - Information Technology	Sri Muthukumaran Institute of Technology, Chennai	Anna University	2008	69
12th	Loyola Matriculation Higher Secondary School, Chennai	Tamil Nadu Higher Secondary Board	2004	70
10th	Loyola Matriculation Higher Secondary School, Chennai	Tamil Nadu Matriculation Board	2002	82

Workplace Recognitions & Certifications:
- Star Award in L&T Infotech
- GEM Award in L&T Infotech
- Multiple Titanium Awards in Flextronics
- Lean Green Belt in Flextronics
- Integration Specialist Badge (Qlik Replicate)

Work Experience:

Payroll Company Name	Duration	From	To
Capgemini Technology Services India Ltd	2 years and 4 months	Jul-2023	Till Date
Flextronics Technologies (India) Pvt Ltd	7 years and 10 months	Sep-2015	Jul-2023
L&T Infotech	5 years and 6 months	Mar-2010	Sep-2015
TCS Eserve Limited	1 year and 1 month	Feb-2009	Mar-2010

Onsite Experiences:

➢ Worked as Onsite-Coordinator for an Energy & Petrochemical Customer in Denver, USA for a year

➢ Worked Onsite for the Deployment of SSIS Solution for a Multinational Customer Project in Guadalajara, Mexico for 2 weeks

➢ Worked Onsite for a Banking Client's S/W Development Facility in Pune, India for their Phase-by-Phase Go-Live Activity

Technical & Interpersonal Skills' Summary:

➢ Total Industry experience of 16 + Years

➢ 15+ Years of experience as ETL/Data Warehouse Senior Developer/Architect using technologies like Snowflake DWH, SSIS/Matillion

➢ Extensive experience in Implementing & Managing Large Data Warehouse/Data Analytics/Business Intelligence Projects

➢ 6 + years of Project & Team Management

➢ 5 + years of Development, Solutioning and Administration Activities in Snowflake DWH

➢ Worked on Data Shares and Data Masking Policies in Snowflake DWH

➢ 4+ years of extensive Development and Architecting Experience in Qlik Replicate Worked in Lambda Architecture in Building Data Lake Solution for Manufacturing Industry

➢ Currently working in a Banking Project which has extensive and complex Database development on Oracle as well as Data Lake Development using Qlik Replicate

➢ Architected and played the Senior most Developer in the Current Project on both Oracle and Qlik Replicate

➢ Worked with DBAs in Infrastructure setup of Oracle Database in the Current Project

➢ Worked with Server Administrators in Setting up Qlik Replicate and Qlik Enterprise Manager in the Current Project

➢ Working Knowledge in Python

➢ Working Knowledge in MS-Azure Databricks

➢ Working Knowledge in Amazon Redshift

➢ Working Knowledge in Amazon Redshift Integration for Apache Spark

➢ Working Knowledge in Airflow

➢ Working Knowledge in DevOps Model

➢ Worked on Team Explorer and Github for Code versioning and Repository

➢ Working Experience in Tools like Jira for Defect and Task Tracking

➢ Involved in Important Decisions with respect to the Project Solution Architecture

➢ Experience of having worked in Waterfall/Agile scrum methodologies

➢ Excellent Communication and Analytical Skills to facilitate requirement gathering and providing appropriate solutioning to Business users and Customers

➢ Ability to Collaborate with Multiple Teams and peers effectively to build strong Business relationships

➢ Expertise in Design/Development/ Support and Maintenance of Data Warehouses in Snowflake Cloud DWH

➢ Expertise in Development of Complex Stored Procedures/Views in Snowflake/Oracle/SQL Server/Teradata

➢ Expertise in Performance tuning, Optimization and Data integrity in different Databases like Snowflake, Oracle , MS-SQL Server & Teradata

➢ Worked in Change Data Capture Project to load data from Oracle to Snowflake using Qlik Replicate/Kafka Logstream Approach

➢ Expertise in scheduling Stored procedures using Snowflake Tasks

➢ Expertise in Design/Development/ Support and Maintenance of Data Warehouse/BI Applications using in SSIS/SSRS 2008/R2/2012/2014

➢ Intermediate level ETL/ELT working knowledge in Matillion Cloud

➢ Experience in Deployment of SSIS packages and scheduling SQL Agent jobs

➢ Designing and Development of Reports based on Business requirement using SSRS

Project Experiences:

Project 1: Liquidity Data Service Project for a Global Banking Client

Duration:	Sep 2023 – till date
Environment:	Qlik Replicate/Oracle/Qlik Compose/Qlik Sense
Domain:	Banking
Role:	Qlik Replicate Architect/Senior Developer & Oracle Senior Developer & Architect
Company:	Capgemini

Project Description: Data Replication with Change Data Capture of 400+ tables from Postgres SQL Application Database to Oracle Data Lake/Warehouse Database using Qlik Replicate. Responsible for Designing and Developing all the Qlik Replicate Tasks for the above solution. In addition, played the role of Architecting all Database objects in Oracle including Stored Procedures/Views/Functions required for the Business Intelligence/Analytics Reporting on Qlik Sense Reporting/Dashboarding tool.

Responsibilities:

• Design, Development, Support and Maintenance of Qlik Replicate Tasks

• Design, Development, Support and Maintenance of Oracle Stored Procedures/Views/Functions

• Responsible for Steering the DB and Replication Implementation for all Deployments

• Requirement Gathering and collaboration with Business users

• Defect and Tasks Tracking in Jira

• Project Management

- Solution Architecture for the Data Lake and BI Solution
- Collaborating with DBA for Setting up Oracle Database Schemas
- Collaborating with Server Admins to setup Qlik Replicate Server Infrastructure

Project 2: Lambda Enterprise DWH Project

Duration:	Jun 2021 – Jul 2023
Environment:	Qlik Replicate/Kafka/Snowflake
Domain:	Supply Chain Management & Manufacturing
Role:	Qlik Replicate Developer/Snowflake Senior Developer & Architect
Company:	Flextronics

Project Description: Extraction and Change Data Capture of nearly 100K tables from Oracle ERP Database to Snowflake Cloud DWH using Qlik Replicate Logstream Architecture. Qlik Replicate pulls data from Oracle and pushes to Kafka environment in Avro format. From Kafka the data is pushed in Avro format to the Snowflake Load Tables. These Load Tables' data are then transformed using Stored Procedures as per business needs and exposed to Business users for their Reporting and Dashboarding purposes.

Responsibilities:

- Design, Development, Support and Maintenance of Qlik Replicate Tasks
- Design, Development, Support and Maintenance of Snowflake Stored Procedures
- Project and Team Management
- Collaborating with Multiple teams for the Deployment and Data Migration
- Architecting the Data lake solution using Qlik Replicate
- Architecting the Data warehouse Solution in Snowflake Cloud DWH
- Administrating Data Shares across different Snowflake Accounts created within the Snowflake Org Account

Project 3: People & Resource Data Analytics

Duration:	Jul 2018 – Jun 2021
Environment:	Snowflake/Matillion
Domain:	Human Resources
Role:	Snowflake Architect & Senior Developer/Matillion Developer
Company:	Flextronics

Project Description: Data Load from CSV files placed in Amazon S3 bucket to Snowflake Stage Tables using Matillion ELT tool. The data is then transformed using Stored Procedures in Snowflake and loaded to DWH tables as per business needs. The Stored Procedures have been scheduled from Matillion. The DWH tables are then exposed in the form of views to the business users for their Reporting and Dashboarding needs.

Responsibilities:

- Design, Development, Support and Maintenance of Matillion Orchestration Jobs
- Design, Development, Support and Maintenance of Snowflake Stored Procedures & Views
- Architecting the Data warehouse Solution in Snowflake Cloud DWH
- Administrating Data Shares across different Snowflake Accounts created within the Snowflake Org Account

- Created Data Masking Policies and mapped them to Snowflake Roles to restrict data based on Business user privileges

Project 4: Data Analytics for Retail Apparels & Electronics Manufacturing Customers

Duration:	Jan 2017 to Jul 2018
Environment:	SQL Server 2012 Database/SSIS 2012
Domain:	Manufacturing
Role:	SQL Server/SSIS Senior Developer & Architect
Company:	Flextronics

Project Description: Data Load from CSV/Excel Files & Other Databases to SQL Server Stage Tables using SSIS packages. The data is then transformed using Stored Procedures in SQL Server/SSIS packages and loaded to DWH tables as per business needs. The DWH tables are then exposed in the form of views to the business users for their Reporting and Dashboarding needs.

Responsibilities:
- Design, Development, Support and Maintenance of Stored Procedures/Views in SQL Server 2012
- Design, Development, Support and Maintenance of SSIS 2012 packages

Project 5: IT Ops DWH

Duration: Jan 2016 – Dec 2016
Environment: SQL Server 2012/SSIS 2012
Domain: IT Operations
Role: SQL Server/SSIS Senior Developer & Architect
Company: Flextronics
Project Description: Data Load from CSV/Excel Files & Other IT Operations' Databases to SQL Server Stage Tables using SSIS packages. The data is then transformed using Stored Procedures in SQL Server/SSIS packages and loaded to DWH tables as per business needs. The DWH tables are then exposed in the form of views to the business users for their Reporting and Dashboarding needs.

Responsibilities:
- Design, Development, Support and Maintenance of Stored Procedures/Views in SQL Server 2012
- Design, Development, Support and Maintenance of SSIS 2012 packages

Project 6: Inventory Aging DWH

Duration:	Sep 2015 to Jan 2016
Environment:	Teradata Database
Domain:	Supply Chain Management and Manufacturing
Role:	Teradata Database Senior Developer
Company:	Flextronics

Project Description: Transforming raw data tables' data to DWH tables as per business needs using Teradata Stored Procedures. Expose these DWH tables as views to the Business users for their reporting purposes.

Responsibilities:
- Development, Support and Maintenance of Stored Procedures/Views in Teradata 14.0

Project 7: SSIS & BO Support and Maintenance for US based Infrastructure Client

Duration:	Nov 2014 – Sep 2015
Environment:	SSIS 2005/2008 R2/2014, SQL Server 2005/2008 R2/2014
Domain:	Utilities
Role:	MSBI Senior Developer and Consultant
Company:	L&T Infotech

Project Description: The migration of SSIS 2005/2008 packages to SSIS 2014. The DB was also migrated to SQL Server 2014. Additional SSIS package development which loads a set of tables from Oracle source, transforms and loads to a SQL Server 2008 R2 DB. These packages were developed in SSIS 2008 R2.

Responsibilities:
- Maintenance and support of ETL packages built using SSIS 2005
- Development and Deployment of ETL packages using SSIS 2008 R2
- Migration of SSIS packages from 2005 to 2014 version
- Testing of SQL Server data migrated to 2014 version from 2005 version by writing SQL Queries
- All SQL Server database related analysis and Maintenance

Project 8: MS Project Server 2010 Support and Maintenance for US based Energy Company

Duration:	July 2012 – Nov 2014
Environment:	SSIS 2008 R2, SQL Server 2008 R2
Domain:	Energy and Petrochemicals
Role:	Onsite Coordinator/MSBI Support and Development Consultant
Company:	L&T Infotech

Project Description: Microsoft Project Server 2010 for US based Energy Company is built on Microsoft SharePoint Server 2010, bringing together powerful business collaboration platform services with structured execution capabilities to provide flexible work management solutions. Project Server 2010 unifies project and portfolio management to help organizations align resources and investments with business priorities, gain control across all types of work, and visualize performance using powerful dashboards. Master data management is handled through Master Data Services. Project Server 2010, built on SharePoint 2010, delivers flexible work management solutions for the DCP business users.

Responsibilities:
- Maintenance of ETL packages built using SSIS 2008 R2
- Development of ETL packages using SSIS 2008 R2
- Maintenance of BI reports built using SSRS 2008 R2
- Development of BI reports built using SSRS 2008 R2
- Development and Maintenance of SSAS cubes
- Development and Maintenance of SQL Server 2008 R2 Stored Procedures
- Onsite Coordination with the Offshore team for all Support, Maintenance and Enhancements related to MS- SharePoint 2010
- All SQL Server database related analysis and Maintenance

Project 9: Volumes and Pressures Reporting for US based Energy Company
Duration: May 2012 – July 2012
Environment: SSIS 2008 R2, SQL Server 2008 R2
Domain: Energy and Petrochemicals
Role: ETL Senior Developer
Company: L&T Infotech

Project Description: The project was aimed at developing new set of reports in SAP BO to monitor the volumes and pressures of gas flow for the client. Existing BO Universe was to be modified by adding a new self- hierarchy table and then the new reports are to be built upon the new modified BO Universe

Responsibilities:
- Development of ETL Package for the self – hierarchy table using BI Development Studio, SSIS 2008 R2.
- Write SQL / T-SQL queries and Stored Procedures ETL development and testing.
- Performance tuning in Stored Procedures.

Project 10: BURF – Revamp for L&T Infotech RPM
Duration: November 2011 – May 2012
Environment: SSIS 2008 R2, SQL Server 2008 R2
Domain: Human Resources
Role: Team Lead, Senior Developer

Project Description: The project was aimed at developing a dimensionally modeled data warehouse in place of the existing relational system for development of BU resource related reports using SSRS and Cognos for the use of RPMs and higher management.

Responsibilities:
- Development of ETL Packages using BI Development Studio, SSIS 2008.
- Write SQL / T-SQL queries and Stored Procedures for report development and testing.
- Responsible for the coordination of the team members.

Project 11: Data Archiving Management for Diamond Mining Company
Duration: January 2011 – November 2011
Environment: SSIS, SSRS, SQL Server 2008 R2
Domain: Mining
Role: ETL and Report Developer
Company: L&T Infotech

Project Description: Data Archiving Management involves migration of the source OLTP database built on SQL Server 2005 and building a data warehouse on SQL Server 2008 R2 modeled dimensionally for reporting. The solution aims at providing a dedicated system for BI reporting thereby reducing the load on the OLTP system due to the reporting overheads. In addition, a number of reports

were built on SSRS 2008 R2 to facilitate Business Decisions and to monitor activities across all the business Applications.

Responsibilities:

- Write SQL / T-SQL queries, stored procedures for reports and testing.
- Development of complex Reports using Report Designer in BI Development Studio, SSRS 2008 R2.
- Developing complex ETL packages using SSIS 2008 R2.
- Responsible for the development of a sub module involving ETL Packages.

Project 12: Metrics for BI/DW Resource fulfillment & Deputation for L&T Infotech RPM

Duration: June 2010 – December 2010.

Environment: SSRS, SSIS, SQL Server 2008

Domain: HRM

Role: ETL & Report Developer

Project Description: The project aims at automating the resource fulfillment & deployment process carried out across the organization. The proposed system will overcome the inconsistencies that are prone to occur in the existing system which involves manually updating the resource allocation details of employees across the organization.

Responsibilities:

- Development of complex Reports using Report Designer in BI Development Studio, SSRS 2008.
- Development of ETL Packages using BI Development Studio, SSIS 2008.
- Unit testing of the Reports against the source system data.
- Write SQL / T-SQL queries, stored procedures for reports and testing.
- Responsible for the development of the entire application based on the requirements given by the client.