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Seeking assignments in **Data Architect\Analyst or Data Warehouse – ETL, BigData Design and Implementation** with a growth oriented organisation of high repute

EXECUTIVE SUMMARY

- ⇒ About **12 Years 11 Months** of Experience and **11 Years 11 Months** experience in **Architect (Data Analyst & Cloud-BI), Data/Test Architect**, Data Specialist, Data Warehouse/BI and BigData Validations, Data Integrity, Data Completeness, Data Quality/Specialist, **Data Modeling**, Automation Testing.
- ⇒ Experience in **Complete life cycle knowledge of Cloud or Data Warehousing-ETL/Big Data Design and Implementation Process**.
- ⇒ Generated 80%+ performance gain for enterprise BI systems and by strengthening **OLAP** database systems.
- ⇒ Partnered with stakeholders to identify business problems and develop state-of-the-art solutions aligned with business objectives. Provided data warehouse & BI technology vision, roadmaps and blue prints and project plans.
- ⇒ Drive the execution of all **product lifecycle processes for products**, including product research, market analysis.
- ⇒ Mastery of relevant technical skills, including SQL, **data modeling**, schema design, data warehouse administration, **BI reporting tools** (e.g. Power BI), scripting for automation.
- ⇒ Interface directly with stakeholders, gathering requirements and owning automated end-to-end reporting solutions.
- ⇒ **Design, Implement and support Data Models**, ETLs that provide structured and timely access to large datasets.
- ⇒ Develop and maintain programs on source systems, ETL applications, and data cleansing functions, system management functions including load automation, data acquisition functions and others.
- ⇒ Established **Data architecture and BI best practices**, standards and data models, recommended data warehouse and reporting performance-tuning techniques. Mobilized and directed BI professionals and development team of 30+.
- ⇒ As member of executive Change Control Board, developed and refined repeatable framework/processes. Consolidated BI reporting technologies to increase project/program value proposition.
- ⇒ Responsible for assisting in the establishment of an IT Architecture practice, and the adoption of an architecture and standards methodology.
- ⇒ Strong analytic and problem solving capabilities, To be able to work in teams and collaborate with others to clarify requirements

PROFESSIONAL EXPERIENCE

Zensar Technology Ltd. **Solution\Data Architect** since: **Mar 2022 to Ongoing**

Project #	Johnson Matthey	Duration	07-Mar-2012 to Ongoing
Environment	Operating System	: Windows 8/10	
	Programming Languages	: SQL And Unix.	
	Tool	: Azure Cloud(Data Storage, Azure Synapse And Stream Analytics and Transformation), SQL Server 2008/2014	
	Testing Tool	: Go Jira Test Management Tool	
	Role	: Solution\Data Architect	
	Team Size	: 16	

Assignment	<ul style="list-style-type: none"> • Make sure that we will deliver a good quality product. • Design, Implementation and Data Engineer/Analyst.
Description	Johnson Matthey is a British multinational speciality chemicals and sustainable technologies company headquartered in London. Johnson Matthey is organized into four main sectors: Clean Air, Efficient Natural Resources, Health, and New Markets. Products -Emission control catalysts, industrial catalysts, absorbents, process technologies, fine chemicals, active pharmaceutical ingredients, chemical products, medical device components, colours, coatings, fuel cell technology, battery technology
Responsibility	<ol style="list-style-type: none"> 1) Work with business and technical stakeholders to understand the organization's obstacles, and provide due diligence 2) Evaluate Current Data Systems - Responsible for evaluating the current state of the company's databases and other data systems. Analyzed these databases and identify new solutions to increase efficiency and performance. 3) Define Database Structure - Define the overall database structure, including recovery, security, backup, and capability specifications. This definition provides a way for data architects to determine overall requirements for database structure. 4) Propose Solutions - After analyzing, evaluating, and defining current database structures, data architects create and propose solutions to upper management and stakeholders. This often includes designing a new database and presenting it to interested parties. 5) Implement Database Solutions - Responsible for implementing the database solutions they propose. This entire process includes developing process flows, coordinating with data engineers and analysts, and documenting the installation process. 6) Data analytics - Data architects are experts in everything data related. They know exactly how data is collected, Analyzed, and delivered. They're also familiar with both the technical and user-facing sides of databases 7) Participated in and led schema design peer review sessions, client reviews, and technical reviews with development resources. 8) Created data mapping documents for movement of data from various sources into the data warehouse. 9) Provided logical and physical data modeling, data profiling, and data mapping support for Logical Data Model and Enterprise Data Warehouse projects.

HSBC Technology India Ltd.	Consultant Specialist\Data Architect	since: Sep 2019 to Mar 2022
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Project #	HSBC Security Services	
Environment	Operating System	: Windows 8/10
	Programming Languages	: SQL And Unix.
	Tool	: AWS (Redshift,S3,Glue), SQL Server 2008/2016, FitNesse, Delphix
	Testing Tool	: Jira Test Management Tool
	Role	: Consultant Specialist
	Team Size	: 8
Description	HSBC is organized within four business groups: Commercial Banking; Global Banking and Markets (investment banking); Retail Banking and Wealth Management; and Global Private Banking. The purpose of the Solvency II Directive is to create a level playing field across Europe for insurers and to create a market in which insurance firms can compete equally.	
Responsibility	<ol style="list-style-type: none"> 1) Worked closely with application development teams to ensure adherence to design specifications, proposed procedures, practices and standards 2) Created the conceptual diagrams and data flow diagrams based on the analysis of requirements 3) Knowledge and experience in Create and maintain optimal data pipeline architecture 4) Assemble large, complex data sets that meet functional/non-functional business requirements 5) Work with data and analytics experts to strive for greater functionality in our data systems 6) Defined the data cleansing strategy based on the exploratory data analysis reports 	

- which to be applied on the staging data base and then pushed to the Operational data store
- 7) Developed SQL scripts for verification of data at extraction phase to ensure ,transformation phase and loading phase of the data to ensure correctness of the data and also verifying the ETL mapping rules
- 8) Communication with various clients and internal stakeholders' through-out the implementation project lifecycle, escalating issues where appropriate.
- 9) Work alongside client team members from across a range of role (Project Management, Business Analysis, Development, End Business Users, etc.), balancing differing objectives and providing influence where needed.
- 10) Lead business handover meetings to ensure EDM Support group have a thorough understanding of the implementation to enable quality on-going support to client post implementation.
- 11) Experience on DG inbox, SQL, illustrator, EDM, financial, builder, inspector, constructor, porter, matcher, data flow etc.

Synechron Technologies	Assistant Manager – Data Quality Control	since: Jul 2016 to Sep 2019
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| Responsibility | <ul style="list-style-type: none"> 1) Prepared the Test Plan and Testing Strategies for Data Warehousing Application 2) Developed ETL test scripts based on technical specifications/Data design documents and Source to Target mappings 3) Extensively used and developed SQL scripts/queries in backend testing of Databases 4) Tested a number of complex ETL mappings, maplets and reusable transformations for daily data loads 5) Creating test cases for ETL mappings and design documents for production support 6) Developed test cases based on test matrix including test data preparation for Data Completeness, Data Transformations, Data quality, Performance and scalability 7) Developed SQL queries /scripts to validate the data such as checking duplicates, null values, truncated values and ensuring correct data aggregations 8) Performed Count Validation, Dimensional Analysis, Statistical Analysis and Data Quality Validation in Data Migration 9) Extensive SQL querying on Staging, Data warehouse and Data Marts |

Syntel Pvt. Ltd	Project Lead\Sr. Data Analyst	since: Dec 2015 to Jul 2016
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Project #	FedEx – Logistic Services
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| Description | FedEx started offering other services besides express shipping. Caliber subsidiaries included RPS, a small-package ground service; Roberts Express, an expedited shipping provider; Viking Freight, a regional, less than truckload freight carrier serving the Western United States |
| Responsibility | <ul style="list-style-type: none"> 1) Work with the Application Development team to implement data strategies, build data flows and develop conceptual data models 2) Create logical and physical data models using best practices to ensure high data quality and reduced redundancy 3) Optimize and update logical and physical data models to support new and existing projects 4) Maintain conceptual, logical and physical data models along with corresponding metadata 5) Develop best practices for standard naming conventions and coding practices to ensure consistency of data models 6) Evaluate data models and physical databases for variances and discrepancies. 7) Validate business data objects for accuracy and completeness |

Infocepts	Associate Consultant\Data Analyst	since: Oct 2014 to Dec 2015
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Project #	ZS Associates
Description	<p>ZS introduced a new sales force effectiveness and productivity framework. This framework – and future versions – has since been leveraged extensively by the firm to help clients determine their key issues and improve their business performance. The company also began to develop data warehouses for clients, as well as a range of analytical services. These projects were the genesis for ZS's services in client capability building and outsourcing.</p>
Responsibility	<ol style="list-style-type: none"> 1) Developed complex SQL queries for data validation for verifying the ETL Mapping Rules 2) Performed Metadata Analysis by Data Profiling and acted as a data steward in maintaining the quality metrics on a continuous basis 3) Conducted Data Migration and Data Cleansing 4) Wrote data conversion and data migration scripts for ETL process 5) Involved in extensive DATA validation using SQL queries and back-end testing 6) Worked on validate various reporting Microstrategy/Crystal reports according to end user requirements

L & T InfoTech	Sr. Software Test Engineer	since: Sep 2013 to Sep 2014
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Project #	ABSA
Description	<p>The Barclays Africa Group Limited (JSE: BGA), also known as Barclays Africa or the Group, formerly Absa Group Limited, is one of Africa's major financial services providers offering personal and business banking, credit cards, corporate and investment banking, wealth and investment management as well as bancassurance.</p>
Responsibility	<ol style="list-style-type: none"> 1) Experience in preparing Test Strategy, developing Test Plan, Detailed Test Cases, writing Test Scripts by decomposing Business Requirements, and developing Test Scenarios to support quality deliverables 2) Created ETL test data for all ETL mapping rules to test the functionality of the Informatica graphs 3) Developed complex SQL queries for data validation for verifying the ETL Mapping Rules 4) Sound Knowledge and experience in Metadata and Star schema/Snowflake schema Analyzed Source Systems, Staging area, Fact and Dimension tables in Target D/W 5) Tested the ETL Informatica mappings and other ETL Processes (Data Warehouse Testing) 6) Experience in creating Test Readiness Review (TRR), Requirement Traceability Matrix (RTM) documents 7) Extensively tested several Cognos reports for data quality, fonts, headers & cosmetic

Inficare Technologies	Sr. Software Test Engineer	since: Sep 2011 to Aug 2013
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Project #	Equifax
Description	<p>Equifax Inc. is a consumer credit reporting agency in the United States, considered one of the three largest American credit agencies along with Experian and Transunion. This Credit Rating Organization Project will provide an Ad-Hoc access through Integrated Console, a user interface.</p>
	<ol style="list-style-type: none"> 1) Map business requirements to available sources/attributes 2) Communicating with the users on a timely basis on the requirements 3) Mappings and technical specifications. Obtain sign-off from client on the mapping and specifications

Responsibility

- 4) Preparing Test Plan, Test Case Writing, System Test execution, Master Test Strategy for DW projects, Test Design for Data Validation
- 5) Optimizing the Scripts if a script takes a lot of time to execute
- 6) System Testing, Regression Testing support, Database Testing, Data Modeling Concepts and DBMS Concepts
- 7) Doing Incremental Extraction/Delta Testing by writing SQL Scripts to test the daily or monthly data

STC Third Eye Technology**Software Test Engineer****since: Sep 2009 to Sep 2011****Project #****GSRM Property****Description**

The Property Project will provide an Ad-Hoc access through Integrated Console, a user interface. The Project objective is to execute an integration approach across DW systems, IT systems area, Data Governance and business resources that result in business sponsor sign-off. It will provide a more seamless and responsive integration of data, reporting and product management tools that will improve the quality and speed of rate reviews and new product introductions.

Responsibility

- 1) Creating Analysis Specification Documents based on the requirements.
- 2) Work closely with business users to gather requirements, define project specifications, develop implementation and test plans for the projects & enhancements
- 3) Worked with ETL group for understating mappings for dimensions and facts
- 4) Finding Issues/Defects and Defect Tracking till it's resolved, Root Cause Analysis and possible solutions for errors encountered Preparing Status Report
- 5) Performed Data Analysis, writing SQL Queries for Testing and Troubleshooting against Data Warehouse
- 6) System Testing, Regression Testing support, Database Testing, Data Modeling Concepts and DBMS Concepts

Technical Skills**Technology****Tools**

AWS\Azure Cloud Services	AWS - Redshift, S3, Glue, Lambda Azure – Storage, Analytics, Transformation
Data Warehousing(ETL) and Data Visualization Tools	Markit EDM 10.5.1/19.1/19.2, Informatica 7.1.1/9.5.1, Power BI, Microstrategy 9.4.1, Cognos 10.0
BigData Module	Hive, Scoop, HDFS
Automation Tools	FitNesse tool, Python(Basic),Selenium (Basic), QuerySurge (ETL)
Databases	SQL Server 2008/2016, PL/SQL Concepts, Teradata 7.0/13.0/14.0, Oracle 9i/10g/11g/12g, RDBMS
Functional Areas	Capital Market ,Insurance and Production, BFSI, Pharma and Health Care Domain, Logistics and Travel
Test Management Tools	Go Jira, Jira, HP Quality Center 9.2/11.0/11.50
Data Virtualization Tool	Delphix Virtualization and Masking

Certifications

Microsoft – Azure & Power BI	<ul style="list-style-type: none"> ✓ Microsoft – Azure Data Engineer ✓ Microsoft – Power BI Data Analyst
IBM Certification	<ul style="list-style-type: none"> ✓ Data Analysis Using Python ✓ Data Science Methodologies ✓ Python for Data Science
Infrastructure Certification	<ul style="list-style-type: none"> ✓ ITIL V3 Foundation

BrainBench Certification	✓ RDBMS Concepts ✓ Software Testing ✓ Database Testing
ExpertRating Certification	✓ Data Warehousing ✓ Data Modeling Concepts ✓ SQL Test

Academic Credentials

2016 **MBA** in Project Management, From **Sikkim Manipal University**
 2009 **B.E.** (CSE) from P.I.E.T Nagpur/ **R.T.M Nagpur University**
 2005 **Diploma** in Information Technology, From **Govt. Polytechnic Nagpur**
 2001 **10th** Passed in First class, From **Maharashtra State Board**

Personal Dossier

Address:

Linguistic Abilities: English, Hindi and Marathi

I affirm that the information given above is true to the best of my knowledge.

Date:

Place: Pune

Nishant Malkhede