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## PROFESSIONAL SUMMARY:

* 16+ Years of experience in the IT industry diverse roles across different IT projects.
* Having good experience on the Cloud based solutions (AWS, Azure), Master Data Management (MDM) , Data Governance, Data Modeling, ETL, SnowFlake and different Data warehouse and Projects.
* Handson 10 + years of Data Warehousing Architecture activities.
* 5 + years of data modelling activities for data warehousing projects.
* Developed functional implementation strategies for Data Cataloging.
* Structured preconfigured API to bulk Create/Delete/Link contents in the Data Catalog.
* Governed content creation like – Templates, Articles, Domain, Business Glossaries etc.
* Support users with Data Dictionary transformation and its re-upload for Catalog page Enrichment.
* Expertise in architecting AWS, Snowflake cloud data warehouse solutions.
* Worked on cloud solutions and performance tuning, optimization, defining the Audit frameworks.
* Implemented On-premise to Cloud solutions having huge encrypted data.
* Defining the architectural considerations and implementing as per the design pattern.
* Good exposure on the Data Governance implementation using Informatica Axon.
* Define program governance and coordinate the underlying projects and their interdependencies.
* Lead the program throughout the program life cycle and ensure objectives of the program are achieved.
* Actively involved in the different phases of projects like Business Understanding and requirements gathering, Design and Development, Testing, User acceptance and Production support.
* Experience in layered approach of solutioning the scope.
* Written custom ETL/CDC framework as per the need of the project.
* Good understanding on CI/CD pipeline definitions and Devops activities..
* Experience in working with MySQL, MSSQL and Oracle Databases.
* Strong Knowledge in Enhancement Projects as well as in Scratch Projects.
* Ability to learn and adopt new technologies in a short time.
* Experience in Scaled Agile Framework (SAFe).
* Highly skilled in Agile, Waterfall & Scrum Methodology.
* Experience in JIRA.

## TECHNICAL SKILLS

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| **Cloud Platforms** | AWS, Azure |
| **Cloud Databases** | Snowflake |
| **Data Governance** | Informatica Axon |
| **Programing** | Javascript, PHP, Python |
| **Databases** | MySQL, SQL Server, Oracle |
| **OS** | Linux, Mac, Windows, |
| **MDM Tools** | Informatica |
| **Schedulers** | Control M |
| **CI/CD** | GitHub, Jenkins, Bamboo, Ansible |
| **Tools** | Jenkins, NewRelic, Jira, Confluence |

## EDUCATION

* Bachelors in Information Technology from Ranipet Engineering College Anna University (2007).

## Project Experience

**Project #1:**

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| **Client** | ElevanceHealth (formerly as Anthem.Inc) |
| **Role** | Data Architect/ Onsite Lead |
| **Environment** | Python, Scala, Snowpark , Hive and Snowflake cloud warehouse |
| **Duration** | 2023 July - till now |

**Description:**

Elevance Health is the client of Brillio and they are a major health care domain organization having healthcare products and applications for the health ministry of US , They would like to migrate their legacy applications in Scala to Snowpark with Snowflake as cloud data warehouse application to support of their major applications.

**Roles and Responsibilities:**

* Worked on the conversion of Python code to Pyspark data frame API based on the client requirement.
* Designing/implementing CDM, LDM and PDM (data modeling).
* Creation Platform and Data architecture with respect to their current ecosystem.
* Validated the Physical and Virtual approaches to finalize the right solution or choice of approach for the newly created data warehousing environment.
* Conversion of Scala to Snowpark python has been done as per the standard and their inbuilt policies.
* Defined the architecture as per the scope of the project and performed the program execution.
* At the initial phase, we have converted major of their applications which was in scala and their Hadoop hive databases to Snowflake.
* Worked closely with security data managing vendor names protegrity and applied the policies under the circumstances defined as part of policies and definitions.
* Worked on the Control M for the scheduler and handson experience in handling huge data sets.
* AWS EMR, Step functions, Secret Manager, AWS glue are the major services we have used as part of the Migrations.
* Created RBAC, Masking Policies for the objects.
* Implemented architectural proposal for DataDevops and defined the Pipelines for CI/CD using Bamboo between the environments.
* Worked on the HDFS system to handle the file management and convert into parque format of storage in Snowflake.
* External stage, Storage Integrations, Handling complex queries which has PHI data are the part of this migration project.
* Good handson in Hive, HDFS, Pyspark and Snowpark libraries, AWS services – handling real-time issues.

**Project #2:**

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| **Client** | **Franklin Templeton, NY** |
| **Role** | **Data Architect** |
| **Environment** | **Snowflake cloud warehouse** |
| **Duration** | **2022 Aug - 2023 July** |

**Description:**

Franklin Templeton is an Asset and Wealth Management and a multinational holding company that, together with its subsidiaries, is referred to as Franklin Templeton , They want to move their entire warehouse into a new Snowflake cloud data warehouse.

**Roles and Responsibilities:**

* Designing/implementing CDM, LDM and PDM (data modeling).
* Developed Datasets for initial & backend testing for source applications.
* Analysis on consolidation of Delta/incremental raw records into Golden records for Data Cataloging & Metadata Management.
* Developed functional implementation strategies for Data Cataloging.
* Worked deeply on the architectural considerations as per the scope.
* Worked on the POC’s to evaluate the approaches and decisions for the project.
* Implemented layered approach to manage the data flow.
* Data Ingestion, transformation, orchestration and consolidation are part of the life cycle.
* Designed a new Data Wrapper framework based on client scope.
* Handle custom views and manage the performance factors.
* Created Permanent and Temporary tables for the business use case.
* Manage the Performance for more than 300 millions of data with the help of stored procedures.
* Created External Stage to connect Azure Data Lake Storage(ADLS) for accessing the archived files.
* Defined custom functions to handle the business rules and logics.
* working on integrating Informatica Axon for the data governance purpose.
* Worked on configuring Hierarchies which include creating entity objects, relationship base objects, entity types, relationship types, profiles etc.

**Project #3:**

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| **Client** | **Lineage Logistics LLC** |
| **Role** | **Project Lead / Data Architect** |
| **Duration** | **2020 Feb - 2022 July** |

**Description:**

Cold Storage supply chain by conserving, safeguarding, and optimizing food distribution around the world. Managing inbound and outgoing orders while dealing with historical and current data from many geographies.

**Roles and Responsibilities:**

* Created MetaData and Data cataloging.
* Define the architecture rules and considerations.
* Business Understanding. Based on the System Requirements, create Field Mapping documents from Source Databases
* Using Matillion, I designed and developed Data Extraction Jobs and Transformations.
* Used GitHub to manage code versioning and deployment to staging and production servers
* Work with a development team to mitigate risk..

**Project #4:**

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| **Client** | **RyMan Healthcare** |
| **Role** | **Project Lead/Data Architect** |
| **Environment** | **Informatica MDM** |
| **Duration** | **2019 Feb - 2021 July** |

**Description:**

Ryman is a leader in Healthcare and consumer goods in NewZealand. They decided the

implementation of Informatica MDM for Customer, Vendor domains to serve as core

backbone for Master Data Management that aligns with client’s Enterprise Information

Management Principles.

**Roles and Responsibilities:**

* Designing/implementing CDM, LDM and PDM (data modeling)
* Involved in match rules design and implementation
* Creation of IDD application with extensive business specific customizations
* Implemented the integration/handshake between IDD and AVOS workflow
* Building the 2 step AVOS customer approval workflow.
* Implemented web application to attach the file to the request for approval process.
* Implemented web application to customize the Address Doctor response in English for global countries like China, Japan
* Customized Merge Action handler to override the OOTB behavior of winning the
* latest updated record to implement functionality where user can select the winner record as required by business.
* Customized Merge Action Handler to merge the child records immediately upon merging the parents records without waiting for next match & merge batch run
* Implemented standalone Java application to insert/update BO data using SIF calls by
* using the SOAP as well as EJB protocols
* Worked on configuring Hierarchies which include creating entity objects,
* relationship base objects, entity types, relationship types, profiles etc.

**Project #5: WallStreet Institute**

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| **Client** | **WallStreet (formerly as GlobalEnglish , Pearson)** |
| **Role** | **Module Lead/Project Lead** |
| **Duration** | **2008 Aug - 2019 Jan** |

**Description:**

WallStreet Institute is a blended learning **product** for the non native English speakers. They have their own teacher and Student database with their curriculum and learning path activities.

Legacy old Data was extracted from SQL Server and Flat Files. Cleaned, Transformed & Loaded in a separate database using AWS Glue cloud Platform, AWS services to orchestrate your ETL (extract, transform, and load) jobs to build data warehouses and generate output streams. We used S3 bucket to target and used lambda functions to listen or trigger the actions wherever the job has transformed.The Enterprise Data Warehouse was built to implement a centralized database that collects and organizes and stores data from different operational activities of Students and teachers to define the learning path. It is also used for the purpose of end user reporting, business reporting with various business patterns which can be analyzed using the different business dimensions.

**Roles and Responsibilities**

* Developed different modules based on the project need in Javascript and in PHP
* Worked and had good exposure in hybrid mobile apps.
* Built complex ETL jobs from various sources such as SQL server, Oracle and other flat files and loaded into target databases using AWS Glue cloud environment.
* Defined Data modelling catalog for the targeted system before we do ETL process from the source.
* Extract the data and provide the end users with different dimensional reports.
* Design, Develop and Test ETL processes in order to meet project requirements.
* Used to be on call Support/Hyper care support during the deployment phase.

**Declaration:**

I hereby declare that the information furnished above is true to the best of my knowledge.