

**Profile**

Data professional with 6.5 years of experience in Business Intelligence and Data Warehousing. projects in multiple domains like Sales, Pharma, Contact Center and HR. Proficient in providing scalable data model design and implementing a data warehouse.

Expertise in data analysis and deriving insights as per the business requirements.

**Databases**

- MySQL
- SQL Server
- Oracle
- SharePoint List
- Redshift
- Teradata
- Snowflake

**Scripting/Programming Languages/IDEs**

- T-SQL, PL SQL
- Python, PySpark, Core Java
- SQL
- VBA
- Shell Script

**Data Visualization/BI Tools**

- Tableau

**Cloud**

- AWS
  - EMR
  - Sqoop
  - Glue
  - Lambda
  - Redshift Spectrum
  - dbLink and AWS FDW
  - CFT
- GCP
  - Google cloud storage
  - Cloud Composer (ETL tool)
  - Cloud SQL
  - VM
- Azure
  - Blob Storage
  - Synapse Analytics
  - Data Factory
  - Databricks
- Dataiku DSS

**Projects****Data Ecosystem for Portfolio Data Analysis**

- Leading the team where we are building data ecosystem for Portfolio analysis for the pharma client "Pfizer"
- Architected and developed the entire ecosystem. Portfolio level data is coming from multiple sources, we performed logical transformation on the data to clean it and make it reportable in the Snowflake for further analysis. The data which we loaded are of type Parquet and Json files

**Tools & Technologies:** Dataiku DSS, Python, Snowflake and Tableau

**ETL Pipeline creation in Azure**

- Created ETL pipeline for taking data from S3 bucket and Azure Blob storage using Azure Data Factory
- Reading data from storage sources and performing some transformation tasks using Azure Databricks in PySpark
- Moved transformed data to Synapse Analytics dedicated SQL DW

**Tools & Technologies:** PySpark, AWS S3, Azure Blob Storage, Azure Databricks, Synapse Analytics and Azure Data Factory

**HR Data Lake and dashboards**

- Leading an entire account of HR domain of Pharma client "Bristol Myers Squibb"
- Have created data model for HR and implemented the same on AWS PostgreSQL

- Created optimized and efficient data processing script for entire data lake
- Created an Interactive dashboards for Employee and manager to see the personal information about them. The information like, Name, address, compensation, bonus and many more details of the employees

**Tools & Technologies:** Tableau, PostgreSQL, dbLink and AWS FDW (Foreign data wrapper)

#### **Contact Center**

- Architected and developed dashboards on call center data to analyze and improve the call center process
- These dashboards help to consolidate and summarize the data to build Key Metrics and provide high-level views to the senior management

**Tools & Technologies:** Tableau and AWS Redshift

#### **ETL Pipeline creation on GCP**

- Created ETL pipeline for taking data from multiple sources using API endpoint
- We are reading data from API endpoint to Pandas data frame, perform transformation and then ingesting the same in the BigQuery
- We have automated the process using Cloud Composer

**Tools & Technologies:** Python, Google Cloud Storage, Cloud Composer and BigQuery

#### **Database connector for Ibis**

- The primary scope of this project is to develop data connectors and integrate with GCP data storage products.
- data connector capabilities will be added to an open sourced CLI tool that leverages the

open-sourced ibis Python Data Analysis Productivity Framework to connect to remote data storage

**Tools & Technologies:** Python, Oracle, DB2

#### **Migration of Teradata and Netezza to AWS Redshift using EMR Sqoop**

- Created EMR cluster and automated the migration of Teradata and Netezza to Redshift
- Have worked on Sqoop commands to load data from Teradata and Netezza to hive database
- Implemented glue catalog functionality to store hive metadata into glue catalog
- Used Redshift Spectrum to load data from glue catalog to Redshift
- Created a shell script for implementing entire migration
- Implemented security on EMR cluster

**Tools & Technologies:** AWS, EMR, Sqoop, Redshift Spectrum, Teradata, and Netezza

#### **Financial Tracker- For Project Manager of Pharma Client**

- Developed an efficient Tool in Excel which helps project manager to store details about projects
- The details like budget for the project, the projection value the Resource cost, change request cost and many more
- This tool reduces the manual headache of the Project manager. With the help of VBA scripting it automatically does all the calculation required in the tool

**Tools & Technologies:** Excel, VBA, AWS RDS MYSQL

	<p><b>Migration of MS Access database on RDS MySQL Cloud- Pharma Client</b></p> <ul style="list-style-type: none"> <li>• Migration of data to Cloud from MS Access in order to create a centralized data lake and enhance the self-service reporting experience for end-user</li> <li>• The data provides details of patients of clinical trials</li> </ul> <p><b><u>Tools &amp; Technologies:</u></b> MS Access, VBA, and AWS MYSQL RDS</p>
	<p><b>Enterprise Risk Management- Pharma Client</b></p> <ul style="list-style-type: none"> <li>• Developed an MS Access tool for keeping track of organizational risks like operational risk, financial risks, etc.</li> <li>• The front is designed in MS Access with VBA, have created forms which take information like impact of Risk, owner of risk and all the details about risk. Based on these factors it helps to manage which risk is having a high impact and then they can concentrate on resolving the same</li> </ul> <p><b><u>Tools &amp; Technologies:</u></b> MS Access, VBA, and SharePoint</p>
<b>Work History</b>	<p>Technical Lead – i2e Consulting (Apr 2021- Current)</p> <p><b>Previous:</b>            Data Engineer Level 2– Priceline (Jan 2021 – Apr 2021)            Senior Data Engineer – Quantiphi (April 2017 – Jan 2021)            Software Engineer – MAQ Software (May 2016 - April 2017)</p>
<b>Education</b>	<p>Master of Computer Application (MCA) - Mumbai University, India</p>
<b>Certification</b>	<ul style="list-style-type: none"> <li>• Azure Data fundamentals DP-900</li> <li>• Tableau Desktop Specialist</li> <li>• AWS Solution Architect Associate</li> <li>• Spark certification from LinkedIn learning</li> <li>• Coursera: Algorithms Designs and Analysis</li> <li>• Coursera: Database Management Essentials</li> <li>• CS50: Introduction to Computer Science by Harvard University on edX.</li> </ul>
<b>Achievement</b>	<ul style="list-style-type: none"> <li>• Got Employee of the month award in i2e Consulting</li> <li>• Have taken Expert session on AWS in SPIT college, Mumbai.</li> </ul>
<b>Contact</b>	<p><a href="mailto:reshma.laxman05@gmail.com">reshma.laxman05@gmail.com</a>            +91-9870206874</p>