

## SAI SARANYA R

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### Professional Summary:

- Experienced as Data Engineer with over 4 years of experience in industry. Excellent reputation for resolving problems and improving customer satisfaction.
- Reliable Data Engineer keen to help companies collect, collate and exploit digital assets.
- Practiced at cleansing and organizing data into new, more functional formats to drive increased efficiency and enhanced returns on investment.
- Analyzing raw data, drawing conclusions & developing recommendations Designing, Developing and implementing new functionality.
- Advising on the suitability of methodologies and suggesting improvements, supplying qualitative and quantitative problem solving techniques.

### Skills:

- Data analysis
- Structure designs
- Report generation
- Key performance indicators
- Self-Motivated
- Multitasking Abilities
- Solution development

### Work History:

#### Data Engineer | Virtuetech - Client (GoDaddy) Jan 2022 ~ Current

- Developed, implemented and maintained data analytics protocols, standards & documentation in Godaddy Confluence portal.
- Implemented new requirement or enhancements in the existing GitHub code using Python, Pyspark Sql and also built from scratch few tables as same.
- Migrating the legacy hadoop datasets to AWS MWAA was the major role in the project
- Good knowledge in AWS whereas Athena been used for data analysis, EMR been used for tracking the MWAA dags and fixed the issue if any. Also S3 for storage purposes and Lake formation were also done as the part of development.

- Contributed to internal activities for overall process improvements, efficiencies and innovation.
- Saved in dollars by implementing cost-saving initiatives that addressed long-standing problems.
- Led projects and analyzed data to identify opportunities for improvement.
- Developed team communications and information for meetings.
- Collaborated with team members to achieve target results.

#### **ETL Informatica Developer | TCS- Client (UNFI): Mar 2021~Jan 2022**

- Implemented business logic parameters for model execution.
- Identified, troubleshoot and corrected bugs and bottlenecks.
- Collaborated with business analysts to understand and define requirements.
- Developed mappings, workflows and tasks using Informatica tool
- Collaborated with multi-functional roles to communicate and align development efforts.
- Mapped data between source systems and warehouses.
- Completed quality reviews for designs, codes, test plans and documentation methods.
- Worked within applicable standards, policies and regulatory guidelines to promote safe working environment.

#### **ETL Developer & Testing | TCS – Client (Walgreens Boot Alliance): Jan 2020~Sep 2020**

- The main objective was to move the historical and incremental data from on-premises to Azure platform
- Created pipelines for historical data and designed integration tools to combine data from multiple, varied data sources such as RDBMS, SQL and big data installations.
- Data mapping for landing and wrangled layer in Azure ADF
- Major role was testing the pipelines and data flow from legacy to Azure cloud
- Managed data quality issues during ETL processes, directing qualitative failures to team lead for amelioration.
- Created test scenarios and test cases based on the data flow.

#### **ETL Developer | TCS- Client (Albertsons) : Chennai - Nov 2018~Jan 2020**

- Technologies Used: Hive, Sqoop, Pyspark, Postgresql, Teradata, and Phoenix
- The main objective was price suggestion for each and every product which should be valid as well as customer satisfaction is important
- Analyze the architecture of the project and then build ER diagram accordingly

- Getting clear picture of client requirement to create external and internal tables using Hive and Postgresql
- Maintaining the databases with proper data
- Sqoop the small volume of data from Postgresql to phoenix database
- Creating indexes for tables in phoenix
- Airflow scheduler is used for running batch jobs based on the need identified long running hive jobs and converts into Apache Spark dataframe.

**Education:**

M.S Software Engineering – VIT University (Jun 2013 to May 2018) GPA – 8.10

I, SAI SARANYA R, do hereby confirm that the information provided above is true to the best of my knowledge.

**(SAI SARANYA R)**