SAIRAM PATHIKONDA LAKSHMI

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**Professional Summary:** 3 + years of relevant experience in IT industry using Big Data.

* + Experience of working in the Software development life cycle involving development, documentation, testing and maintenance.
  + Having good understanding of ETL concepts and process.
  + Adaptive to Cloud Strategies based on AWS (**Amazon Web Services).**
  + Experience of working with AWS services (DataPipeline, Step function, S3, Lambda, Cloud Watch, EMR, Athena, Redshift)
  + Able to writing basic PYTHON code to implement AWS LAMBDA. Experience of processing structured and semi-structured data using Spark SQL.
  + Good Experience in analysis of business requirements and prioritizing the issues accordingly. Experience in understanding clear requirements from the customer.
  + Ability to work well in both team environment and individual environment.
  + Proven experience in meeting deadlines and appreciation from clients.

# Technical Skills:

Technology / Skills Description

|  |  |
| --- | --- |
| Database | TAOS, PAM, POSTGRES |
| Languages | Python , Spark and Scala,SQL |
| Cloud | AWS |
| Repository | GIT |
| Scripting | Shell Script |
| Tools | Informatica Cloud |
| MS-Office | MS-Excel and MS-word |

**Company:** Genpact India Pvt. Ltd.

**Project:** Legg Mason Enterprise Data Management **Date:** July, 2017- Present

**Role:** Data Engineer

# Project Description:

The **Legg Mason Enterprise Data Management** is data warehouse used by client to generate different types of reports to analyze their investment and risk. We are using AWS services and infrastructure to migrate the data from multiple sources like Salesforce, Wiser, Lipper, PAM, Adobe, FTP and TAOS. To ingest the data into S3 (staging) from different sources we are using SQOOP as an ingestion tool. Previously, we were using INFORMATICA CLOUD for the data ingestion. Before implementing our business logic on the data, we used to perform some quality checks and store data into S3. After completion of quality checks, we implement our business logic using Spark Scala framework and dump the final data into the data warehouse, AWS REDSHIFT.

# Roles and Responsibilities:

* Created JSONs, contains business logic, written in SQL, to process data through SPARK framework.
* Developing AWS Data Pipeline json.
* EMR creation for processing of different objects. Creating Athena tables to view data in S3.
* Writing shell script for calling different spark applications.

**Environment:** Development, QA

# Education:

|  |  |  |  |
| --- | --- | --- | --- |
| **Qualification** | **Institution** | **Marks** | **Year** |
| B.Tech (CSE) | Maharshi Dayanand University | 78 % | 2017 |
| XIIth | Intermediate Board A.P | 91.4 % | 2013 |
| Xth | Board of Secondary Education | 91 % | 2011 |