

Shradha V.Maske

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TECHNICAL EXPERTISE

- Having 3+ years of experience in IT as a Data Engineer.
- Have experience writing data extraction logic in Spark.
- Have Experience building optimized big data pipeline using Hdfs, Hive, Spark-Scala on cloudpremises.
- Have a hands-on experience on Amazon web services mainly S3 , EC2 , Aws EMR , Redshift, IAMRole , RDS.
- Have experience with Data Flow , Data Pipeline and workflow management tool.
- Experience processing large amounts of structured and unstructured data, including integrating data from multiple sources.
- Perform tasks such as loading different file formats in spark/hive, write SQL queries, etc.
- Develop batch processing , integration solutions and process structured and Unstructured Data.
- Good Knowledge on Spark Architecture including Spark-Core, Spark-Sql.
- Experience in using Hadoop distribution like Cloudera.
- Experience in transferring data from RDBMS to HDFS and Hive tables using Sqoop and Spark API's.
- Experience in creating tables, partitioning, bucketing, loading in Hive.
- Gather and process raw data at scale and Analyse processed data.
- Ability to create Visualizations using visualization technique POWER BI.
- Analytical mind and ability to learn-unlearn-relearn concepts.

ORGANIZATIONAL SCAN:

Organization:	Icorx Services PVT.LTD
Designation:	Data Engineer
Duration:	17 Oct 2019-Present

TECHNOLOGY PROFICIENCY

Operating System:	Windows, Linux.
Big Data Ecosystem:	HDFS, MR, Hive, Sqoop, HBase, Spark, Airflow, snowflake, Redshift, Phoenix
Cloud platforms:	Amazon Web Services (AWS)
Programming languages :	Python, PySpark
Database:	MySQL, Oracle
Visualization tool:	Power Bi

Work Experience:

Project #1: Domain: Banking

The Purpose of project is credit card Analysis in which to find out the usage of card, limit utilization, credit debit transaction, customer behaviour , payment status, client requirements in market, merchant services, fraud etc. so with Big data analyse all the checkpoint area and create reports as per client needs.

Description & Responsibilities:

- Understand the nature and characteristics of data and check how data flow.
- Engaged with BA to understand the requirements clearly and develop as per requirements
- Involved in import data from various RDBMS, HBase, HDFS using spark which populates hive tables
- Designed both Managed and External Table
- Involved in Spark performance tuning.
- Performed data injection into HDFS and helped in data movement in multiple databases layer
- Analysing and cleaning raw data by performing hive queries.
- Optimized code using pyspark for better performance.
- Ingest flat files like Delimited.
- We used for processing as pyspark, pyspark-sql and for storage AWS S3.
- Monitoring the job, if any problem occurs solving that problem.
- Uploading processed data to destination directory on S3.

Environment RDS-Postgres, EMR, HBase, Phoenix, Apache Spark,pyspark, Hive, HDFS, S3

Work Experience:

Project #2: Data Migration

The purpose of the project is to do the ingestion of the data that is present in source to Data Lake. Source to Hadoop migration project. Data migration utility to migrate existing system into Hadoop (BigData) from source system. And perform aggregation operations on Hadoop Big Data platform

Description & Responsibilities:

- Understand data migration requirements and needs.
- Engaged with BA to understand the requirements clearly.
- Involved in extracting data from source
- Efficiently loading data into a spark data frame
- Analysed and cleaned raw data
- Performed Spark transformation
- Load data from S3 to AWS Redshift
- Monitoring daily job, fixing production bugs, and raised and solved JIRA tickets for production activity.
- Data Migration and Validation.
- Involved in Spark performance tuning.
Responsible for writing transformation

Environment: S3, EMR, pyspark Redshift

EDUCATION

- Bachelors of Engineering (Information Technology)MGM's Jawaharlal Nehru Engineering collage Aurangabad
Year – (2012-2015)
- Diploma in Computer Engineering (2009-2012) GRWP Yawatmal.

Shradha Vilasrao Maske