Akshay Avhad

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# Professional Summary

* Adaptable professional with 2 years of experience as a Software Engineer. Has experience in Big data and Data warehousing technologies.
* Having experience in all stages of the project including requirements gathering, designing & documenting architecture, development, performance optimization, data extraction, cleaning and reporting
* Having experience which includes Hadoop Eco-system, Sparks.
* Hands on experience on Big data solution such as Hadoop, HDFS, MapReduce (MR), Sparks, Hive, HBase, Sqoop, Scala, Python, AWS cloud computing.
* Exposure to Amazon Web Services (AWS) cloud technologies such as EC2, S3, EMR, RDS, DynamoDB, AMI, IAM, redshift, Athena, Phoenix etc
* Experience in Extraction, Transformation loading (ETL) data from various sources into Data Warehouses.
* Having experience in different relational DB systems.
* Hands on to various programming languages Python.
* Excellent analytical, problem solving, communication and interpersonal skills with ability to interact with individuals and can work as a part of a team as well as independently.
* Focus on customer satisfaction and drive results by being team player and individual contributor with good collaboration skills as well.
* A good team player, fluent communicator currently working with Citicorp Services India Pvt. Ltd.
* **Technologies and Skills:**
* **Data Engineering :**
* Apache Spark
* Extract Transform Load (ETL)
* Apache Kafka
* Big Data
* Hive
* SQL
* Data Warehousing
* Git
* Orchestration tool Apache Airflow
* Sqoop
* HBase
* Linux
* Shell Script
* Crontab
* HDFS
* MapReduce (MR)
* CI/CD (Continuous Integration/Continuous Deployment)
* Deployment
* **Data Processing and Analysis Skills:**
* Data Cleaning
* Slowly Changing Dimensions (SCD)
* Change Data Capture (CDC)
* Incremental Processing
* Big Data Analytics
* Structured Data
* Semi-Structured Data
* Unstructured Data
* Oracle
* Postgre
* Optimization
* Design
* Implementation
* Business Requirements
* Scheduler
* Analysis
* Debugging
* Problem Solving
* Automation
* Workflow
* Data Ingestion
* Log Analysis
* Application Integration
* Reconciliation
* Data Validation
* **AWS and Database Technologies:**
* - Amazon Web Services (AWS)
* - Amazon Redshift
* - Athena
* - Big Data Analytics
* - MySQL
* - NoSQL
* - DynamoDB
* - Data Lake
* - Delta Lake
* - Data Pipeline
* - Lambda
* - Glue
* - Cloudera Data Platform (CDP)
* - Cloudera Distribution for Hadoop (CDH)
* - Star Schema
* - Monitoring

**Work Experience**

## Software Engineer

## ABC Services Limited, Pune Jan 2020-present

**Project : Credit Card Data Analysis**

**Project Details:** Developed end-to-end data pipelines for ETL processes, integrating diverse data sources, optimizing data quality, and enabling insightful analytics. Leveraged technologies like Python, Apache Spark, and SQL to transform and load data into a centralized warehouse. Implemented automated data cleansing, validation, and transformation, resulting in streamlined data flows and improved decision-making.

**Roles & Responsibilities:**

* To write the script for to create required tables
* To monitor the job
* to optimize the Job
* To provide the KT to new joiner
* To report the progress to mgr.
* Work closely with the business and analytics team in gathering the system requirements.
* Import and Export data into HDFS, Hive, HBase using Sqoop.
* Involve in creating Hive tables, loading with data, and writing Hive queries.
* Understand the upstream source nature and work with business cases. Connect the Created Postgre instance using workbench.
* Initial Data load using Initial\_Dataload.sql Check table structure and sample data.

Written Spark job to Process data.

* Import Ref data from RDBMS to Hbase.
* Create Hive tables deployment to transformed data using hive DDL table.
* To process Subscriber details context, to process Complaint details context and
* Remove duplicates. To Process delta, use the script,copy data into Hbase at data location.
* Customer can extract report from S3 and can use for their further use like visualization etc.
* To validate the Data is it populated as expected

# Education

# Bachelor of Engineering from University of Pune in Mechanical Engineering in June 2016with First Class.

# Languages

# English, Hindi, Marathi

# Declaration

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

Place: Pune , Maharashtra [Aksahy Avhad]

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