#### GOPICHAND POTHUGANTI

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**Data EngineerMobile**:+918985128353

**Experience Summary:**

* Self-Driven & Result Oriented professional with 4.6 Years of IT Experience in Hadoop Ecosystem and ETL Tools.
* 3 years of exclusive experience in Hadoop and its components like HDFS, Sqoop, HBase, Hive, Oozie, Spark and Scala.
* Having Good Exposure onEnd to End Data Migration Implementation using SAP ADM as ETL Tool and SQL Server. .
* Good knowledge on Spark execution engine and relevant libraries like Spark SQL.
* Implemented Spark using Scala and utilizing Data frames and Spark SQL API for faster processing of data.
* Performance tuning using Optimization techniques Caching Data in Memory, Broadcast Hint for SQL Queries.
* Good knowledge on architecture of a Spark application. Able to read DAG to understand performance issues.

**Educational Qualification:**

* Bachelor of Technology (B.E – Electronics and Communication Engineering).
* KL University, Vijayawada ,2016, 1st Class with Distinction, 80%.

**Work Experience:**

* Currently Working as a Data Engineer with Syniti, Hyderabad from Jan 2019 – Till Date.
* Worked as a Project Engineer with Wipro Hyderabad from Jun 2016- Dec 2018.

**Project Details:**

**Project1: PPG Jan,19 – Till Date**

**ProjectDescription:**

PPG aims to have high quality master data by ensuring that the data will get in to system only after approving by an authorized data object owner which will help Customer to propose relevant recommendations and subsequently make decisions based on the accurate and Right Data

**Roles and Responsibilities:**

* Collaborated with the internal/client’s business in understanding the requirements
* Load and transform large sets of structured data and semi structured with Spark.
* Importing and exporting data into HDFS and Hive using Sqoop.
* Designing and developing queries for data ingestion and manipulation using SPARK and HIVE.
* Worked on RDD’s,Transformation and Action.
* Worked on Spark SQL Data frames for building the Data Validation and cleansing activates.
* Presented findings and data to team to improve strategies and operation
* Developed completed end to end Big Data processing in Hadoop eco-system
* Developed Spark jobs using Scala on top of YARN for Interactive and Batch Analysis
* Experienced on developing spark application to perform ETL activity using different transformations and actions like Map, Filter, Group By, Sort By, Collect, Join etc.

**Components Used:** Hive2.1.1,Sqoop 2.1,Scala 2.11.12,Spark 2.4.0

**Project 2: McCormickAug, 17 – Dec,18**

**ProjectDescription**

McCormick & Company is an American food company that manufactures, markets, and distributes spices, seasoning mixes, condiments, and other flavoring products for the industrial, restaurant, institutional, and home markets. McCormick is a Fortune 1000 company.

**Roles & Responsibilities:**

* Interacting with clients in gathering and understanding the requirements.
* Developed the Sqoop scripts to import data from MySQL database to HDFS and Hive tables.
* Creating HIVE external tables to store the results on top of HDFS
* Performance tuning using Hive Optimization techniques.
* Worked on scheduling jobs in Oozie.

**Components Used:** Hadoop 2.6.0, HBase 0.98.8,Hive2.0,Sqoop 2.1

**Project 3: GE Power Jun, 16 – Aug, 17**

**Project Description**

Data Migration (ETL) of Multiple legacy systems into SAP using Data Stewardship Platform (DSP) Tool. We choose DSP as ETL Tool, DSP is a one stop tool for Data extraction, manipulation, Cleansing, governance and Dynamic dashboards creation. Here we create a migration pipeline from Legacy to SAP for data to flow as per requirements. Out of many SAP Functional Modules I am responsible for Finance and controlling module and as backup for SD Module.

**Roles & Responsibilities:**

* Implemented end to end data migration system where the data will get extracted and undergo transformation and we finally load the data into SAP using DSP Integrate or LSMW.
* Built reports based on the extracted data so that functional teams can configure and cleanse the data in advance using either DSP Monitor or DSP Migrate.
* Worked with business users/owners to gather data migration requirements, design data mapping documents, and define business rules for cleansing, and transformation requirements.
* Interacted with SAP functional consultants to ensure all SAP configurations are in place before loading data into SAP.

**Components Used:** SAP ADM, SQL, PL SQL

**Personal Information**:

Name : Pothuganti Gopi Chand

Date of Birth : 17thNov 1994

Marital Status : Unmarried

Languages known : English, Hindi, Telugu

Hobbies : Playing Sports, Cooking, Watching Movies

Current Location : Hyderabad, Telangana

Permanent Address : Sattenapalli, Andhra Pradesh