**SREENIVASULU REDDY .C**

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**Experience Summary:**

* Having 3.2 years of overall IT experience in Application Development in **SQL, Big Data Hadoop & Spark.**
* 2.2 years of extensive working experience on Hadoop framework and its components like**: HDFS, SQOOP, HIVE, SPARK, SCALA, MAPREDUCE, FLUME and OOZIE.**
* Good working knowledge with **Apache Sqoop and Hive.**
* Very good understanding of **Partitions, Bucketing** concepts in **Hive** and designed both **Managed and External** tables in Hive.
* Performed Importing and exporting data into **HDFS** and **Hive** using **Sqoop**.
* Involved in writing the **Hive** queries.
* Knowledge in Full Life Cycle development of Hadoop.
* Capable of processing large sets of structured, semi-structured and unstructured data and supporting systems application architecture.
* Experience in importing and exporting the data using **Sqoop** from **HDFS** to Relational Database systems.
* Experience in handling different file formats like RC, ORC, Parquet and Sequence file, Text file formats.
* Good understanding of Hadoop architecture and hands-on experience with Hadoop components such as Job Tracker, Task Tracker, Name Node, Secondary Name Node, Data Node, Map Reduce concepts and **YARN** architecture which includes Node manager, Resource manager and App Master.
* Having good exposer on **Spark (RDD**) and its working functionality.
* Strong Knowledge on Spark architecture and its integrations like **Spark SQL**, **Data Frames** and **Datasets**.
* Hands on experience on Memory Components **Apache Spark Core, Spark SQL**.
* Having knowledge on Scheduling all **Hadoop/ Pig/ Hive/ Sqoop** actions using **Oozie**.
* Experience with Cloud computing Technique like **AWS (S3).**
* Strong knowledge in writing complex queries for oracle.
* Hands on experience with **Agile methodology.**
* Good Knowledge on **Hive and Spar**k Architectures and its Backend flow.
* Excellent problem solving skills with a strong technical background and result oriented team player with excellent communication skills.

**Technical Skills:**

**Big Data : Hive, Sqoop, HDFS, Flume, Spark, HBase, MapReduce, and Oozie.**

**Database : Oracle, MySQL.**

**Other Tools : Winscp, Putty, Eclipse.**

**Operating Systems : Windows, Linux.**

**Languages : SQL, HiveQL, Scala and basics of Python.**

**Hadoop Distributions : Cloudera and hartonworks.**

**Scheduling Tools : Oozie.**

**Work Experience:**

* Currently working with Tecnotree convergence Pvt ltd**,** Bangalore as a Software Engineer from August - 2016 to till date.

**Education:**

* Bachelor of Technology from **JNTUA University.**

**Project 3:**

**Project Title : Convergent Billing System**

**Client : MTN, Africa**

**Role : Hadoop and Spark Developer**

**Environment : Hadoop, Hive, Sqoop, Scala, HDFS, Apache Spark, Spark SQL**

**Project Duration: Aug-2018 to till date**

**Description:**

**CBS**is a product of Tecnotree convergence Ltd which is a web based Customer Care and Billing Solution (CCBS) offering convergent functionalities in a multi-service environment that traverses technology segments including GSM, GPRS, ISP, Wi-max services. It facilitates Point of Sales, Inventory, Customer Care, Credit Control, Dunning, Rating and Billing.

**Responsibilities:**

* Interacting with clients in gathering and understanding the requirements.
* Importing data from RDBMS to HIVE, HDFS and Exporting data from HIVE, HDFS to RDBMS by using Sqoop.
* Loading files to HDFS and writing hive queries to process required data.
* Partitions of Hive tables. Creating Hive tables to store the processed results in a tabular format.
* Involved in gathering the requirements, designing, development and testing.
* Writing the script files for processing data and loading to HDFS.
* Completely involved in the requirement analysis phase.
* Moved all log/text files generated by various products into HDFS location.
* Created External Hive Table on top of parsed data.
* Import the data from different sources like HDFS into Spark RDD.
* Experienced in implementing Spark RDD transformations, actions to implement business analysis

**Project 2:**

**Project Title : PPMS**

**Client : MTN, Africa**

**Role : Hadoop Developer**

**Environment : Hive, Sqoop, MapReduce and HDFS**

**Project Duration: Aug-2017 to July-2018**

**Description:**

PPMS is a Prepaid Management System. Designed to manage the complete lifecycle of Vouchers. Maintains two types of Vouchers i.e. Physical and Logical .Physical Vouchers are printed value cards with different denominations, Logical Vouchers not physically printed on a card. Vouchers generated and given to the dealer in a file. This Project will handle end to end process like start from Voucher generation to Voucher expiry process and store the data in PPMS system in all phases Such as Pin generation, Order request, Order tagging, Supplier file generation, Packing files, Stock Movement, Provisioning request, Pin loading/activation VS, Daily dump, Black listing.

**Responsibilities:**

* Interacting with clients in gathering and understanding the requirement.
* Importing data from RDBMS to HIVE, HDFS and Exporting data from HIVE, HDFS to RDBMS by using Sqoop.
* Developed worked with SQOOP incremental loads to populate HIVE external tables.
* Creating HIVE external tables to store the results on top of HDFS.
* Involved in loading data from Linux file system to HDFS.
* Creating HIVE tables with Partitions and Buckets.
* Analyzed transactions using Pig scripts and Hive to generate reports for end users.
* Involved in resolving the JIRA issues with in SLAs.

**Project 1 :**

**Project Title : Closed loop feedback**

**Client : MTN, Africa**

**Role : Technical support engineer**

**Environment : Oracle, SQL, LINUX**

**Tools** : **SQL Developer, TOAD, Putty**

**Project Duration: Aug-2016 to July-2017**

**Description:**

Closed Loop Feedback is a system that gathers the customer’s complaints which are logged through either Service Center/Call Center and performs surveys on those customer’s complaints by calling back to them  in order to get their feedback on their issue resolution and asking net promoter score(NPS) to the customer on their services provided in resolving their issues. Based on this NPS calculation and the feedback received from the customers the service providers can generate the reports on the customer feedback received and can concentrate on enhancing or improving their services on which they are lacking. This system will gives a clear picture to the service providers on which service areas they are depreciating and on which area they have to concentrate more so that a customer will be more satisfied in order to increase their sales.

Tecnotree has deployed CLF in different MTN places like MTN IRAN, MTN Wave1.2 (Uganda, Zambia, Rwanda & Swaziland), MTN Ghana, MTN Syria, MTN Conakry and MTN Benin, MTN Sudan, MTN Nigeria.

**Responsibilities:**

* Resolving the tickets based on SLA.
* Handling Production tickets through Requestee and JIRA.
* Generating Reports Daily, Weekly And Monthly.
* Daily jobs include monitoring the application, data flow, solving daily issues.
* Monthly billing activities and reporting activities
* Responsible for providing the support in L1/L2 level depending on the priority of the issues to meet client’s SLA.
* Interacting with customers while resolving the incidents and tasks.
* Responsible for raising tickets in Requestee.
* Give the Weekly and Monthly wise SLA report to the Manager.