Ashoka N

PROFESSIONAL EXPERIENCE

Having **3.7**years of IT experience in Application Development in **HADOOP, CORE JAVA**, **SQL** and Big Data Technologies: **HDFS, MAPREDUCE, HIVE, PIG, HBASE, SQOOP, OOZIE** and **FLUME.**

- Hands on experience in getting data files from different sources to HDFS.
- Knowledge on installation of Hadoop in Pseudo mode environment and its configuration.
- Hands on experience in developing **MapReduce** jobs according to the client requirement.
- Extensive experience in writing **Pig scripts** using Pig Latin Language to process data.
- Having experience in creating **Hivetables and partitions**for storing the data.
- Hands on experience in writing hive scripts using **HiveQL.**
- Good exposure on **NOSQL** databases like **HBase**.
- Hands on experience in**Sqoop**for importing and exporting data from RDBMS to HDFS, HIVE.
- Having knowledge on Map Reduce-2 **YARN.**
- Having knowledge on **OOZIEandFLUME.**
- Having knowledge on real time data processing technologies **STORM** and **KAFKA.**
- Excellent logical, analytical, inter-personal skills with the exceptional ability to adapt to the situations very quickly.

EXPERIENCE SUMMARY

- Currently working in TCS, Bangalore.
- Previously worked with SLK Software Services Pvt Ltd, Bangalore.

TECHNOLOGY

- **Primary Skills**   :   HDFS, Map Reduce, Hive, Pig, HBase, SQOOP, OOZIE, Flume
- **Languages**   :   Java, HiveQL, Pig Latin, SQL,HTML
- **Database**   :   Oracle, MySQL.
- **Web server**   :   Apache Tomcat.
- **IDE**   :   Eclipse, SQL Developer.
- **Operating Systems** :   Windows XP/7/8, LINUX.

EDUCATION DETAILS

- Bachelor of Technology in Information Technology from Jawaharlal Nehru Technology University, Ananthapur, Andhra Pradesh during 2007- 2011.

PROJECT EXPERIENCE

Project#

Project Name   : Business Process
Client   : Costco
Team Size   : 6
Environment   : Hadoop, MapReduce, Hive, Pig, HBase, Sqoop, MySql, UNIX.

Description:

        The purpose of the project is to store terabytes of different departmental information generated by Business Process team and extract meaning information out of it. The solution is based on the open source Big Data s/w Hadoop .The data will be stored in Hadoop file system and processed using Map/Reduce jobs. Which in turn includes getting the word, excel, ppt data from the client team Process the data to obtain respective department related information meaning full information with respect to their domains, Extract various reports out of the processed information and Export the information for further processing. This project is mainly for the replatforming of the current existing system which is running in the new cloud solution technology called Hadoop which can able to process large date sets (i.e. Tera bytes and Peta bytes of data) in order to meet the client requirements with the increasing data volume from other departments.

Roles & Responsibilities:

- Moved all data flat files from data sources to HDFS for further processing.
- Written the Apache PIG scripts using pig joins for process the HDFS data.
- Creating hive tables and partitions to store the processed data.
- Creating Partitions of Hive tables to fetch data with low latency.
- Importing and exporting data into HDFS and Hive using Sqoop.

Project#

Project Name   :   Network Intelligence
Client   :   Cisco
Team Size   :   9
Environment   :   Hadoop, MapReduce, java, Linux, Hive, Pig and Sqoop

Description:

        Network Intelligencewhich captures trade information   from regional system. Production Credits represents standard estimate of the value of the business executed by the salesperson based on schedule of product type and maturity. Further data is assimilated into various trade dimensions like Region, Product, Client, Stocks, Issuer, Trading Book, Electronic platform and Salesperson for reporting. System captures the data through CSV files and direct database pull from approximately 60 different front office trading systems and manual sources throughout the world.

Roles & Responsibilities:

- Writing the script files for loading data to HDFS and processing data in HDFS.
- Written the Apache PIG scripts to validate and process the HDFS data.
- Developing applications on MapReduce programming Model of Hadoop in Java.
- Creating Partitions of Hive tables to store the processed results in a tabular format.
- Loading the data processed data into hive tables for analysis purpose.

Project#

Project Name   : Quoting Tool
Client   : NEC, Inc
Team Size   : 12
Environment: Java/J2EE, MYSQL.

Description:

        The Quoting Tool is a web service based application which will be accessible to for the users who registered to NEC as a Distributor. This Application deals with the Quotes (estimates) for the services of the NEC products. The quotes which this tool creates is of three main types like New, Add to existing, Renewal Quotes and each type intern having sub types like partial and complete

Roles & Responsibilities:

- Involved in technical requirement specifications, analysis and Design.
- Designed and developed the front-end interfaces.
- Completely involved in hands of coding.
- Used Java Script to perform Client side validations.
- Develop modules of the application using java, servlets and JSP.
- Involvement of Writing SQL queries to extract the appropriate data.