**aMahesh K**

**Hadoop Administrator**

Email: maheshhpa@gmail.com Mob:+91-7702680319

**Profile:**

* Experienced **Hadoop Administrator** with more than 3 years of professional experience
* maintaining and administering petabyte scale clusters on premise and on cloud.
* Hands on experience in **installation, configuration, supporting** &managing petabyte scale
* **Hadoop clusters using Apache Hortonworks**&**Cloudera distributions**.
* Expertise in Commissioning and decommissioning the nodes in Hadoop Cluster using **Cloudera,Hortonworks** platforms.
* Knowledge on **FLUME,SPARK** and NO-SQL Databases **MySql**
* Hands on experience in **installation, configuration, management and deployment of Big Data solutions** and the underlying infrastructure of Hadoop Cluster using **Cloudera**, Horton works distributions
* Proven track record and experience in Hadoop cluster **capacity planning, performance tuning, monitoring, troubleshooting**
* Hands on experience maintaining and fine tuning cluster for **MapReduce**
* Installed and maintained various services including **Hive, Zookeeper, Oozie,   
  , Sqoop, Hue**
* Implemented cluster security enabling Kerberos on HDP cluster
* Experience in HDFS data storage and support for running map-reduce jobs
* Importing and exporting the data using Sqoop from HDFS to RDBMS and vice-versa
* Good knowledge on **AWS EC2,VPC** and etc.,

**Technical Skills :**

• **Operating Systems**: UNIX/Linux (Redhat 3/4/5/6, Ubuntu), Windows Vista/XP/07/10   
•**Database**: Mysql,Mongo and SQL  
•**Big Data Technologies**: **HDFS**, Hive, Map Reduce, **Sqoop, Oozie**, Zookeeper, YARN,Cloudera-5.8  
• **QA methodologies**: Waterfall, Agile

**Education Qualification:**

* **M.Ba** From Jntu Kakinada in 2011
* **B.Sc**(Computers) From Acharya Nagarjuna University in 2009

**Work Experience:**

* Working in NisumTechnologies,Hyderabad From **March 2016-Till date**
* Worked in Accenture Services Pvt. Ltd, Chennai from **Sep 2014-Feb 2016**

**Project Work:**

**Project Name**: Kroger

**Role :** Hadoop Admin

**Company : Nisum Technologies**

**Period : July 2017 – Till date**

**Responsibilities/Deliverables:**

* **HDFS** File system management and monitoring
* Cluster deployment and configuration
* Used Hive and created **Hive tables**, loaded data from Local file system to **HDFS**
* Loaded streaming log data from various web servers into HDFS using **Flume**
* Involved in creating **Hive Internal/External tables**, loading with data
* Installed **Oozie** workflow engine to run multiple **Hive and Pig jobs**
* New deployments (manual/automated)
* Apache Hadoop installation & configuration of multiple nodes on HDP distribution
* Setup and optimize Standalone-System/Pseudo-Distributed/Distributed Clusters
* Build/Tune/Maintain Hive QL
* Experienced in managing and reviewing Hadoop log files
* Supported MapReduce Programs running on the cluster
* Involved in loading data from UNIX file system to HDFS
* Installed and configured Hive.
* Involved in creating Hive tables, loading data, and writing Hive queries
* Tuned/Modified SQL for batch and online processes
* Backups & Recovery
* Security

Environment: **HDP 2.4, HDFS, Hive, Flume, Sqoop, Oozie, Zookeeper , Fair Scheduler**

**Project Name**: Kellogs

**Role :** Hadoop Admin

**Company : Nisum Technologies**

**Period : Mar 2016 – June 2017**

**Responsibilities:**

• Analyzed Hadoop cluster and other big data analysis tools including Pig   
• Implemented multiple nodes on CDH5 Hadoop cluster on Red hat Linux    
• Imported data from Linux file system to HDFS   
• Transmitted data from SQL to HBase using Sqoop   
• Worked with a team to successfully tune Pig's performance queries   
• Excelled in managing and reviewing Hadoop log file   
• Fitted Oozie to run multiple Hive and Pig job   
• Maintained and backed up meta-data   
• Used data integration tools like Flume and Sqoop    
• Supported IT department in cluster hardware upgrades   
• Setup, configured, and managed security for the Cloudera Hadoop cluster.   
• Loaded log data into HDFS using Flume   
• Created multi-cluster test to test the system's performance and failover   
• Improved a high-performance cache, leading to a greater stability and improved performance.   
• Responsible for Cluster maintenance, Monitoring, commissioning and decommissioning Data

nodes,Troubleshooting, Manage and review data backups, Manage & review log files

Environment: **HDFS CDH5, Hbase, NOSQL, RHEL 4/5/6, Hive, Hadoop, HDFS, Sqoop**

**Project Name**: Telstra

**Role :** Hadoop Admin

**Company : Accenture Services Pvt. Ltd**

**Period : Sep 2014 – Feb 2016**

**Responsibilities:**

•Responsible for installing, configuring, supporting and managing of Hadoop Clusters.

* Managed and reviewed Hadoop Log files as a part of administration for troubleshooting purposes.
* Responsible for troubleshooting issues in the execution of MapReduce jobs by inspecting and reviewing log files.
* Monitored workload, job performance and capacity planning using Cloudera Manager.
* Handled importing of data from various data sources, performed transformations using Hive, MapReduce, loaded data into HDFS and Extracted the data from MySQL into HDFS using Sqoop.
* Used Hive and created Hive tables, loaded data from Local file system to HDFS.
* Created user accounts and given users the access to the Hadoop cluster.
* Performed HDFS cluster support and maintenance tasks like adding and removing nodes without any effect to running nodes and data.
* Monitoring and controlling local file system disk space usage, log files, cleaning log files with automated scripts.
* As a Hadoop admin, monitoring cluster health status on daily basis, tuning system performance related configuration parameters, backing up configuration xml files.
* Report database performance to the dev team
* Querying database on staging and production whenever required

**Environment** **: Hadoop, SQOOP, Java, LINUX, MySQL,MongoDB**