

HADOOP ADMINISTRATOR

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Career Objective

To work as a Hadoop administration organization where I can utilize my existing skills and knowledge and develop new skills to contribute in the accomplishment of organizational goals.

Professional Experience

- ✓ Having around 4.5 years of experience in IT including 4.0 years of hands on experience as a Big Data Hadoop Administrator in configurations and maintenance Hadoop cluster in **Cloudera** and **Hortonworks** distributions in various Vertical Applications.
- ✓ Good experience on Hadoop HDFS architecture and Map-Reduce framework.
- ✓ Good Experience in Hadoop and it's ecosystem components such as **HDFS, Yarn, Hive, HBase, Spark, Kafka, Impala, Sqoop, Oozie** and related.
- ✓ Monitoring disk status, system processes and user process activity, memory activity, memory and Swap space management by using TOP and SAR Experience in upgrading Hadoop cluster, which includes minor and major upgrades.
- ✓ Experience in using Zookeeper for coordinating the distributed applications.
- ✓ Experience in managing Hadoop infrastructure like commissioning, decommissioning, log rotation, rack topology implementation.
- ✓ Experience in managing the cluster resources by implementing fair and capacity scheduler.
- ✓ Involved in CDH 6.1.1 to CDP 7.1.7 upgradation activity.
- ✓ Successfully executed database (PostgreSQL) upgradation from 9.2.24 to 10.20 version, ensuring data integrity, minimal downtime, and comprehensive testing/validation.
- ✓ Optimizing performance of Hive, Sqoop, HBase, Spark, Tez jobs.
- ✓ Experience in improving the Hadoop cluster performance by considering the OS kernel, Storage, Networking, Hadoop HDFS and Map-Reduce by setting appropriate configuration parameters.
- ✓ Involved SSL certificates renewal on required clusters.
- ✓ Experience in Hadoop and integrating with Kerberos authentication infrastructure- KDC server setup, crating realm /domain, managing principles, generation keytab file each service and managing keytab using keytab tools.
- ✓ Involved in setting up a quota's like name quota and space quota's and managing the ACL's & policies through Ranger.

Technical Skills

Hadoop Cloudera

Zookeeper Oozie

Hive HBase

Spark Sqoop

Kerberos Ranger

Ansible Zabbix

Grafana AWS

Kubernetes

Database

MySQL Oracle

PostgreSQL

Operating Systems

RHEL Centos

Education:

Bachelor of Technology (B.Tech) from Acharya Nagarjuna University.

Organization:

•Worked as a Hadoop Administrator in **GK HR Consulting India Pvt Ltd**, Bangalore from October 2024 to March 2025.

•Worked as a Hadoop Administrator in **Wipro**, Bangalore from September 2021 to January 2024.

•Worked as a Hadoop Admin in **TANAMA SOFTWARE PRIVATE LIMITED**, Bangalore from March 2020 to August 2021.

#Project :

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| Project 1 | VISA |
| Role | BIGDATA HADOOP ADMIN |
| Duration | October 2024 – March 2025 |
| Environment | Cloudera, Hortonworks, HDFS, YARN, Hive, Sqoop, Zookeeper, HBase, Kerberos, Ranger, Spark. |

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| Project 2 | UBER |
| Role | BIGDATA HADOOP ADMIN |
| Duration | September 2021 – January 2024 |
| Environment | Cloudera, HDFS, YARN, Hive, Impala, Sqoop, Tez, Journal nodes, Zookeeper, HBase, Oozie, Kerberos, Ranger, HDP, AWS. |

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| Project 3 | EXPEDIA |
| Role | HADOOP ADMINISTRATOR |
| Duration | March 2020 – August 2021 |
| Environment | Linux, Cloudera, HDFS, YARN, Hive, Tez, HBase, Oozie, Kerberos, Ranger. |

Roles & Responsibilities:

- ✓ Collaborated with multiple teams for design and implementation of Hadoop clusters.
- ✓ Responsible for commissioning and decommissioning of nodes from Clusters.
- ✓ Importing and exporting data into HDFS using Sqoop.
- ✓ Maintaining cluster health and HDFS space for better performance.
- ✓ Configured various property files like core-site.xml, hdfs-site.xml, mapred-site.xml.
- ✓ Moving data efficiently between the clusters, Adherence to compliance and Risk management framework.
- ✓ Rebalancing the Hadoop Cluster, Prepare cluster capacity forecasts and utilization reports for higher management.
- ✓ Working on Name node high availability customizing Zookeeper Services.
- ✓ Involved in bench marking Hadoop cluster file systems various batch jobs and workloads.
- ✓ Involved in minor and major upgrades of Hadoop and Hadoop eco system.
- ✓ Experience on manual failover and automatic failover.
- ✓ Involved in Hadoop Core Components including Hive, Sqoop, HBase, Zookeeper, YARN etc.
- ✓ Expertise in Hadoop job schedulers such as Fair scheduler and Capacity scheduler.
- ✓ Allocating the name and space Quotas to the users in case of space problems.
- ✓ Installation of various Hadoop Ecosystems and Hadoop Daemons.
- ✓ Involved in Installing and configuring Kerberos for the authentication of users and Hadoop daemons.
- ✓ Optimizing performance of Hive, HBase, Spark Hive, Sqoop jobs.
- ✓ Experienced in managing and reviewing Hadoop log files,
- ✓ Responsible for patching upgrades and backup disaster recovery.
- ✓ Exposure on 24X7 Production Support environments.