[hadoop.pavank@gmail.com](mailto:hadoop.pavank@gmail.com)

+91- 8939892101

Chennai

**PAVAN KUMAR**

Hadoop-Cloudera and Linux Administrator



# Profile Summary

Currently working as **“Hadoop-Cloudera and Linux Administrator**” with

AstraZeneca from Jan/17 to till date.

Overall experience of 6+ years in the realm of IT.

Have 3 years of experience as Hadoop, Linux admin, 3+ years as WMQ, WebLogic and Linux admin.

Involved in Hadoop Cluster environment administration that includes adding and removing cluster nodes, cluster capacity planning, performance tuning, cluster Monitoring, Troubleshooting.

Installing, Configuring, and Deploying the Cluster - Cloudera & apache ambari -Hortonworks Experience in working with AWS services.

Sound experience in Linux environment / administration.

hands on experience in Deploying patches to fix the bugs in CDH. hands on experience with Kerberos -KDC -Kerberos principles.

Making Hadoop cluster ready for development team working on POCs. Installation of various Hadoop Ecosystems and Hadoop Daemons.

Commissioning and decommissioning the Node on running Hadoop Cluster.

Hands on experience with Cloudera -BDR (backup disaster recovery) and Snapshots policies. Recovering from node failures and troubleshooting common Hadoop cluster issues.

Supported Map Reduce Programs those are running on the cluster.

Managed and reviewed Hadoop Log files as a part of administration for troubleshooting purposes. Communicate and escalate issues appropriately.

Involved in HDFS maintenance and administering it through Hadoop-Java API.

Hands on experience in analyzing Log files for Hadoop and eco system services and finding root cause

Configured Fair Scheduler to provide service-level agreements for multiple users of a cluster. Worked with systems engineering team to plan and deploy new Hadoop environments and expand existing Hadoop clusters.

Hands on experience with **Nagios, ganglia, site scope.**

Involved in Analyzing system failures, identifying root causes, and recommended course of actions.

File system management and monitoring. Experience in Unix Shell scripting.

Knowledge on Networking concepts. Knowledge on Core Java concepts.

Excellent analytical, logical, management and trouble shooting skills, ability to work in teams and independently.

Good knowledge in ITIL & Certified in ITIL.

Ability to grasp things quickly and adapt to the environment. Ability to work 24/7 On-Call support for Critical Issue.

# Career Timeline

Oct.11 to Mar.14

Apr.14 to Mar.16

Apr.6 to Jan.17

Jan.11 to Present



# Education

* **B.Tech** in **COMPUTER SCIENCE** at JNT University, Anantapur.
* Intermediate from Srividya junior college.

## SSC school from Aditya high school.

Core Competencies

|  |  |
| --- | --- |
| Distribution Framework | : Hadoop, CDH, HDP |
| Hadoop Technologies | : mapreduce, hive, Impala, Sqoop, Oozie, beeline |
| Web Server | : Apache webserver |
| Programming Language | : Core Java, Oracle |
| Operating Systems | : UNIX, Linux and Windows |
| Data Bases | : Oracle 10g,11g |
| Monitoring Tools | : Sitescope, Nagios, Hpbac |
| Ticketing Tools | : Service Now, Remedy, Ipcenter, Jira |

Work Experience

**Project #1:**

**Client : AstraZeneca (pharmaceutical), USA Responsibilities:**

* + As a admin followed standard Back up policies to make sure the high availability of cluster.
  + Assisted with data capacity planning and node forecasting.
  + Troubleshooting, Diagnosing, Tuning, and Solving Hadoop Issues.
  + Experienced in Cloudera Installation, Configuration and Deployment on RHEL server.
  + Hands on experience in Cloudera -BDR (backup disaster recovery), Snapshots policies.
  + Hands on experience in Kerberos cluster and Deploying patches to fix the bugs in CDH.
  + File system management and monitoring.
  + Backup configuration and Recovery from a Name Node failure
  + Hands on experience on Nagios and Ganglia tool.
  + HDFS support and maintenance.
* Involved in Analyzing system failures, identifying root causes, and recommended course of actions.
* Monitor Hadoop cluster connectivity and performance.

**Project #2:**



**Client : Dagrofa (Retail), Denmark. Responsibilities:**

## Managed and reviewed Hadoop Log files as a part of administration for troubleshooting purposes. Communicate and escalate issues appropriately.

* Involved in HDFS maintenance and administering it through Hadoop-Java API.
* Installed and configured multi-nodes fully distributed Hadoop cluster.
* Hands on experience in analyzing Log files for Hadoop and eco system services and finding root cause.
* HDFS support and maintenance.
* File system management and monitoring.
* As a admin followed standard Back up policies to make sure the high availability of cluster
* Configured Fair Scheduler to provide service-level agreements for multiple users of a cluster.
* Administrator for Pig, Hive and Hbase, installing updates, patches and upgrades.
* Recovering from node failures and troubleshooting common Hadoop cluster issues.
* Worked with systems engineering team to plan and deploy new Hadoop environments and expand existing Hadoop clusters.

**Project #3:**

**Client : CIBC (Banking), Canada. Responsibilities:**

## Trained in Hadoop admin and AWS, apache spark.

* hands on experience in build POC CDH and Horton works cluster.
* worked on WebLogic and WMQ and Linux admin

**Project #4:**

**Client : Xerox(Printing), USA. Responsibilities:**

## Trained in Different technologies like Core java, Network concepts and linux.

* worked on WMQ and Linux admin