✉ hadoop.pavank@gmail.com
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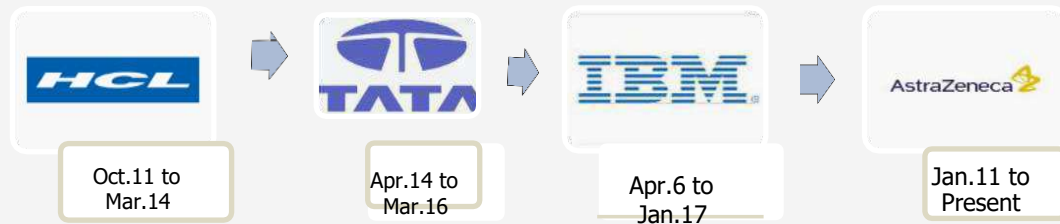# PAVAN KUMAR

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

HCL → TATA → IBM → AstraZeneca

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