

Shashidhar Bala

Hadoop Administrator - TCS Limited

Hyderabad, Andhra Pradesh - Email me on Indeed: [indeed.com/r/Shashidhar-Bala/2f021283ec4ad87a](https://www.indeed.com/r/Shashidhar-Bala/2f021283ec4ad87a)

- Currently working with TCS as Hadoop Administrator from April 2012 to Till Date.
- Worked with CMC Limited as Linux Administrator from April 2008 to March 2012.

Technical Certifications

- Microsoft Certified System Administrator for Windows Server 2003
- Sun Certified System Administrator for Solaris 10
- Redhat Certified System Engineer for Redhat Linux 6
- Information Storage Associate Version 2 (EMCISA)

Willing to relocate: Anywhere

WORK EXPERIENCE

Hadoop Administrator

TCS Limited - Hyderabad, Andhra Pradesh - April 2012 to Present

Location: Hyderabad

Responsibilities

Involved in installation, configuration, supporting and managing Hadoop clusters, Hadoop cluster administration that includes commissioning & decommissioning of Data Node, capacity planning, slots configuration, performance tuning, cluster monitoring and troubleshooting.

- Developed shell scripts to automate the cluster installation.
- Involved in installing Hadoop ecosystem components.
- Built automated set up for cluster monitoring and issue escalation process.
- Administration, installing, upgrading and managing distributions of Hadoop (CDH3, CDH4, Cloudera manager), Hive, HBase.
- Plan and execute on system upgrades for existing Hadoop clusters.
- Imported/exported data from RDBMS to HDFS using Data Ingestion tools like Sqoop.
- Commissioning and Decommissioning nodes to Hadoop cluster.
- Used Fair Scheduler to manage Map Reduce jobs so that each job gets roughly the same amount of CPU time.
- Recovering from node failures and troubleshooting common Hadoop cluster issues.
- Scripting Hadoop package installation and configuration to support fully-automated deployments.
- Supporting Hadoop developers and assisting in optimization of Map Reduce jobs, Pig Latin scripts, Hive Scripts, and HBase ingest required.
- Involved in creating Hive Internal/External tables, loading with data and troubleshoot with Hive jobs.
- Familiarized with automated monitoring tools like Nagios and Ganglia.
- Worked on configuring security for Hadoop Cluster, managing and scheduling jobs on a Hadoop Cluster.
- Tuning of Map Reduce configurations to optimize the run time of jobs.
- Experienced in managing and reviewing Hadooplog files.
- Installed Oozie workflow engine to run multiple Hive and Pig jobs.
- Managing nodes on Hadoop cluster connectivity and security.

- Supported in setting up QA environment and updating configurations for implementing scripts with Pig, Hive and Sqoop.
 - Involved in HDFS File system management and monitoring.
 - Constantly learning various Big Data tools and provide strategic direction as per development requirement.
- Environment: Java, Eclipse Juno 4.2, Map Reduce, HDFS, Pig, Hive, Catalog, HBase, Flume, Sqoop, Oozie, Zookeeper Nagios, Ganglia, Zookeeper, Fair Scheduler.

Linux Administrator

CMC Limited - Hyderabad, Andhra Pradesh - April 2008 to March 2012

Location: Hyderabad

Responsibilities

- Install and configure red hat enterprise Linux 5 and 6
 - Creating partitions using Linux volume Manager (LVM)
 - Establishing channel bonding on the Red hat Linux enterprise Desktop and servers for networking and failover of the nic cards.
 - Troubleshooting issues in a Red Hat Linux Enterprise 5 and 6.
 - Successful upgrades of the Red Hat operating system on servers in the enterprise environment.
 - Experience in the support of fundamental technologies such as FTP, SSH, TCP, UDP, IP, RAID, DHCP.
 - Configured and managed user accounts.
 - Assisted in Installed and configured hw/sw, support, and maintain PC/Network software and create and monitor user accounts and assign passwords.
 - Performing upgrades to hardware, operating systems, and applications with minimal downtime.
 - Handling files and directories in Linux.
 - Managing basic permission structure and ownership of files and directories in Linux.
 - Managing Special permissions (SUID, SGID and Sticky bit) on files and directories in Linux.
 - Compressing, decompressing and archiving files in Linux
 - Assigning administrative privileges to non-root users in Linux using sudo.
 - Automatic scheduling of jobs in Linux using at, batch and cron.
 - Creating new disk partition with new file system in Linux.
 - Managing LVM (Logical Volume Manager)
 - Managing different RAID levels (0, 1, and 5) in Linux.
 - Performance monitoring of servers in Linux.
 - Extensive knowledge on Linux boot process.
- Sri Sai College of Nursing and Youth College of nursing

Technical Engineer

Sri Sai College of Nursing and Youth College of Nursing - Ananthapur, TAMIL NADU, IN - August 2002 to December 2007

Location: Ananthapur

Responsibilities

- Maintenance of all the servers, desktops, printers and other devices. Configuration, installation of Servers and PCs.
- Installation of Windows XP/2000/2003
- Analyzing information to determine plan layout including type of peripheral equipment modifications.
- Recommending appropriate hardware to the management.
- Management of user accounts and access controls to college data.
- Configuration of Print devices (network and local) on desktops.

- Desktop Configuration - Network, mail client, internet etc
- Maintained computer and LAN.
- Installation of anti-virus on desktops and remove Virus.
- Taught especially on Accounting Packages and Other Software's like MS-DOS, MS-WORD and EXCEL etc.
- Permit the users to use the computer
- To load or remove software packages that students and want on their machines.
- To format & reformat discs, and take other appropriate action when software is corrupted.
- Informing Maintenance Engineer of H/W problems, and verify that the Engineer has solved the problems.
- Maintain the data provided by the management for printing and storing.
- Interact with staff, students, faculty, and parents and collect their feedbacks.
- Involving MIS related work.
- Provided information regarding programs, courses, policies, and procedures to internal and external contacts.
- Involving the different technical problem related to the computer like printers, operating system and moreover internet issues.

EDUCATION

Bachelor of Computer Applications in Computer Applications

SK University

ADDITIONAL INFORMATION

Technical Skills

Skill set: JAVA, Hive, Pig, Impala, Sqoop, Flume, Oozie, Zookeeper, HCatalog

Scripting: Shell, Python

NO-SQL: MongoDB, Hbase

BI tools: Tableau

O.S.: Redhat Linux, CentOS, Ubuntu, Solaris, HP-UX and Windows 2012

RDBMS: MySQL, Ms-SQL

Cloud Computing Services: Amazon Web Services (AWS), Rackspace

Experience Summary as a Hadoop Administrator:

4+ years of experience in Hadoop Administration.

- Expertise in Big Data technologies and Hadoop ecosystem: HDFS, Job Tracker, Task Tracker, NameNode, Data Node and MapReduce programming paradigm.
- Hands on experience in installing, configuring, and using Hadoop ecosystem components like Hadoop MapReduce, HDFS, HBase, Oozie, Hive, Sqoop, Pig, Zookeeper and Flume.
- Hands on experience with Apache Hadoop Map Reduce programming, PIG Scripting and Distribute Application and HDFS.
- 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 and MapR.
- Excellent understanding of Hadoop Cluster architecture and monitoring the cluster.
- Experience in managing and reviewing Hadoop log files.
- Experience in NoSQLdatabase MongoDB and Cassandra.
- Hands on experience importing and exporting data using Sqoop from HDFS to Relational Database Systems.
- Over two years of experience in design, development, and maintenance and support of Big Data Analytics using Hadoop Ecosystem components like HDFS, Hive, Pig, HBase, Sqoop, Flume, Zookeeper, MapReduce, and Oozie.

- Managing the health of Cluster, resolving performance related issues, coordinating with various parties for Infrastructure support.
- Update Hadoop 1.2.1 to 2.5.2
- Experience in Talend Big Data Studio 6.0.
- Push data as delimited files into HDFS using Talend Big Data studio.
- Expertise in Commissioning and decommissioning the nodes in Hadoop Cluster using Cloudera Manager Enterprise.
- Setting up HDFS Quotas to enforce the fair share of computing resources.
- Experience in Rebalance an HDFS Cluster.
- Hadoop Cluster capacity planning, performance tuning, cluster Monitoring, Troubleshooting.
- Hands on experience in analyzing Log files for Hadoop and eco system services and finding root cause.
- Expertise in benchmarking, performing backup and disaster recovery of Name Node metadata and important and sensitive data residing on cluster.
- Rack aware configuration for quick availability and processing of data.
- Experience in designing and implementing of secure Hadoop cluster using Kerberos.
- Successfully loaded files to Hive and HDFS from Oracle, SQL Server, MySQL, and Teradata using Sqoop.
- Loaded streaming log data from various web servers into HDFS using Flume.
- Created Hive internal and external tables defined with appropriate static and dynamic partitions.
- Experience in Creating and managing HBase clusters dynamically using Slider and Start & Stop HBase clusters running on Slider.
- Strong Knowledge on Spark concepts like RDD Operations, Caching and Persistence.
- Experience in Upgrading Apache Ambari, CDH and HDP Cluster.
- Extensive knowledge in using job scheduling by Oozie and Centralized Service Zookeeper.
- Expertise in Collaborating across Multiple technology groups and getting things done.
- Worked on both traditional Waterfall model and Agile methodology, Sound knowledge of Data warehousing concepts.
- Experience in extracting data from both Relational systems and Flat Files.
- Handsome experience in Linux admin activities.
- Worked in a 24x7 on-call Production Support Environment.