

# BADAL JAIN

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## CAREER OBJECTIVE

To be a part of an organization where I can widen my knowledge and skills which will ensure my professional growth.

## SUMMARY

- Over 11.7 Years of experience in the field of Bigdata and Data Warehouse, out of which 5.11 as Hadoop Administrator.
- Experience in Installing, configuring, maintaining, troubleshooting and monitoring Hadoop clusters and Ecosystem Components.
- Experience in Configuring new clusters, Capacity planning, Cluster Upgrades and Scale-up
- Responsible for Cluster maintenance, commissioning and decommissioning Datanodes & review Hadoop log files.
- Collaborate with Business users, application support team and Development team to understand requirement and provide optimal solutions that meet business requirements and benefit system performance
- Providing Training to Business users on using the Clusters efficiently by applying the best practices.
- Experience in handling clients & meeting their requirements and willing to adapt to new technologies/work environments, well organized Analytical & Leadership skills.

## SKILLS

BIG DATA PLATFORM	CDH 5.4.X, HDP 2.6.2, HDP 3.1, Apache Hadoop 2.X
HADOOP ECOSYSTEMS	HDFS, Yarn, Mapreduce v2, Tez, HBase, Hive, Hue, Impala, Kafka, Spark, Ranger, Zookeeper
DEVOPS	Git, Chef, Docker
CLOUD	AZURE Admin
RDBMS	Teradata 12, Oracle 9i,10g, MySQL 5.X
LANGUAGES	Shell Scripting
LINUX	Redhat 7

## WORK EXPERIENCE

### RAKUTEN INDIA | SYSTEMS LEAD

Bangalore, India | JULY, 2020 – Present

#### RESPONSIBILITIES:

- Currently Managing Apache Hadoop Cluster of 40+ Petabytes Capacity and 500+ nodes cluster per environment.
- Configuration Management using Chef
- Commissioning and Decommissioning of Datanodes
- Design and create dedicated Yarn queues for Application users
- Conduct Rakuten Hadoop Training for Business users
- Troubleshoot Cluster slowness, Hadoop Daemon failures and user Job failures
- Work with Infra Team for Hardware and OS related issues.
- Knowledge on Azure VM, Storage and Vnet

**RESPONSIBILITIES:**

- Providing subject matter expertise for the new use-cases to be deployed on Hadoop Clusters to the operations team w.r.t capacity and performance.
- User administration, Cluster monitoring and Cluster Maintenance.
- Cluster Performance optimization, resource management and forecasting (HDFS, YARN, HBASE, KAFKA).
- Documentation of issues and resolutions.
- Work closely with ATOS for hardware and OS related issues (BAU).
- Resource sizing for Apache SPARK and MR jobs while application on boarding (CR review) Project.
- User access permission to business users using tools such as Ranger.
- Reviewing each Change request and providing approval for onboarding the new use cases and any change in production cluster.
- Troubleshooting issues related to real time data flow.
- Cluster Patching and upgrade of Hadoop infrastructure.
- Troubleshoot third party software integration issues
- Liaising with hardware vendors and other service providers.
- Ongoing administration, trouble shooting and monitoring of the cluster.
- Monitoring and troubleshooting Job and service failures.
- Analyzing the Hadoop Service (Daemon) Failures by checking for errors in logs and sharing the analysis.
- Hadoop Configuration and Database backup.

**TERADATA INDIA PVT LTD | TECHNICAL LEAD****Mumbai, India | Aug, 2010 – Nov, 2017****RESPONSIBILITIES:**

- Ongoing administration, trouble shooting and monitoring of the cluster.
- Manage and review Hadoop log files.
- Monitoring and troubleshooting Jobs/Query failures through Resource Manager, Job History Server, cloudera Manager and Impala Gui.
- Analyzing the Hadoop Service (Daemon) Failures by checking for errors in logs and sharing the analysis.
- Administrating, monitoring and troubleshooting Hive and Impala service and jobs failures.
- Commissioning and Decommissioning of data nodes using Cloudera Manager and rebalancing of Hadoop Cluster.
- Removing missing and corrupt blocks from HDFS.
- Generating charts and Reports for Weekly and Monthly Report
- Reporting cluster status with resource utilization, Issues/risk and Service now incidents, based on weekly and monthly.
- Using Service now for incident management and change management like minor and standard changes for service as per the SLA following with ITIL managements.
- Hadoop Configuration and Database backup.
- Cloudera manager and CDH upgrade.
- Applying Cloudera patches to resolve the bug issue using Cloudera manager.
- Modifying Hadoop configurations using Cloudera manager.
- Raising Cases using Cloudera Support Portal and coordinating with Cloudera Support through Webex session for further analysis and troubleshooting issues.
- Generating Diagnostic Bundle and Uploading on Cloudera Cases.
- Coordinating with Cloudera support and resolving the issues.

**RESPONSIBILITIES:**

- Worked for Banking domain as on Oracle DBA and RBI related applications RTGS, NEFT
- Played a Role Oracle Database Administration and installation of RBI applications.

**CERTIFICATIONS**

- HDP Certified Administrator (HDPCA 2.3)
- Cloudera Certified Administrator on Apache Hadoop (CDH 5.X)
- ITIL V3
- Teradata Certified Implementation Specialist
- Teradata Certified SQL Specialist
- Teradata Certified Professional
- Oracle 9i Database Administrator Certified Professional
- Oracle 9i Database Administrator Certified Associate

**EDUCATION**

Elphinstone College (Mumbai University) | BSC (Information Technology) Mumbai, Maharashtra | July, 2004 – Oct, 2007