

# MOHAMMED SHOAIB SAUDAGAR

BIG DATA HADOOP ADMINSTRATOR  
| AWS CLOUD ADMINISTRATOR



Kharadi  
Pune, Maharashtra, India  
+917507556586  
[Saudagarshoaib24@gmail.com](mailto:Saudagarshoaib24@gmail.com)

## CERTIFICATE



## SKILLS

HDP - CDP  
Migration

Hadoop  
Cluster  
Management

Installation &  
Configuratio  
n

Performance  
Tuning

Troubleshoot  
in

AWS  
Solution  
Architect

Capacity &  
Cluster  
Planing

Security

Hadoop  
Administrato  
r

Hadoop  
Components

## PROFESSIONAL SUMMARY

- More than 7.5 years of experience in Big Data Hadoop Administration with Apache Hadoop, Hortonworks, Cloudera, CDP, HDP to CDP Migration, AWS Certified Solution Architect.
- Aligning with the systems engineering team to propose and deploy new hardware and software environments required for Hadoop and to expand existing environments, HDP to CDP migration, Big data cluster design;
- Capable of planning and estimating cluster capacity and creating road maps for Hadoop cluster deployment; Commissioning and Decommissioning of new nodes to the existing cluster commissioned new 150 data nodes, also Kafka and Zookeeper nodes and performing distributed copy between clusters
- Setting up, installing & configuring Hadoop Security using Kerberos & Ranger; maintaining & monitoring HDFS, YARN, Sqoop, Hive, Kafka, Ranger, Knox
- Exposure of Troubleshooting & Debugging Hadoop Ecosystem runtime issues and moving data from RDBMS to HDFS and vice-versa using SQOOP
- Hands-on experience in analyzing Log files for Hadoop and ecosystem services and finding a root cause
- Familiar with Cluster Maintenance, Troubleshooting, Monitoring Backup & Recovery and setting up High availability of Namenode, Resource Manager, Hive Server 2, metastore, Hbase master & Kafka broker
- A proactive learner with a flair for adopting emerging trends and addressing industry requirements to achieve organizational objectives & profitability norms

## EXPERIENCE

May 2021 -  
Present

DEPUTY MANAGER | LEAD ANALYST – INFOCEPTS  
TECHNOLOGIES - PUNE, INDIA

Deployed number of HDP and CDP cluster, worked on HDP to CDP public cloud migration, solly completed HDP to CDP migration for singapore government port project at singapore client site, part of POC and interview panel.

### Major accomplishments:

- Upgrade Ambari from 2.x to 7.1.7 and HDP from 3.1.x to 7.1.7
- Upgrade Ambari and HDP multipule time to reach its intermediate version
- Worked on-site in Singapore and handled client face to face
- Completed migration before time lines
- Successfully migrated HDP to CDP for Dev and Prod Environment
- Received apreciation many times from team

## RESPONSIBILITIES

- Monitoring daily systems and services connectivity and security on Production, U.A.T & Developer cluster
- Identifying and monitoring computational resources utilization on a cluster for better data handling, setting quotas for users as per the requirements, provide access to the users from ranger on basis of requirements
- Recognizing and killing the jobs which are stuck and not progressing to maintain the cluster performance, managing and reviewing Hadoop log files and troubleshoot issues which are logged
- Diligently teaming with the infrastructure, database, application, and business intelligence teams to guarantee high data quality and availability
- Conducting Performance Tuning of Hadoop clusters and Hadoop Map Reduce, Tez routines
- Collaborating with teams to install operating system and Hadoop version upgrades when required
- Creating secure and crypto zone on HDFS using KMS, leading HDFS support and maintenance

## TECHNICAL SKILLS

Big Data Technologies- Cloudera CDH, Hortonworks HDP, CDP  
Cloud Technologies- AWS Solution Architect Asso Certified  
Security Tools- Kerberos, Ranger, Knox & TLS/SSL  
Ecosystem- HDFS, Yarn, MapReduce, Hive, Knox, Sqoop, Ranger, Oozie, Spark2, HBase & Kafka  
New Technologies- Kubernetes, Docker & CDP  
Platforms- Linux & Windows Server

- CDH to CDP migration
- Commissioning and decommissioning nodes
- Kerberos configuration & SSL/TLS enable
- CDP public cloud and private cloud cluster deployment
- Provide support to bigdata related issues
- User onboarding process
- HDP cluster deployment
- HDP to CDP public cloud migration

**Mar 2021 – May 2021**

**BIG DATA ARCHITECT – SILVER TOUCH TECHNOLOGIES - MUMBAI, INDIA**

**Jun 2019 – Mar 2021**

**TEAM LEAD HADOOP ADMINISTRATOR – WHITEKLAY TECHNOLOGIES – PUNE, INDIA**

Deployed 3 clusters with Kerberos security, up-gradation of the Hadoop cluster and monitoring activity with administration support for client IBM-Vodafone

### Major accomplishments:

- Designed complete cluster deployment structure with service mapping on separate nodes
- Draw plan from scratch to end
- Deployed 3 clusters with designing and security
- Commissioned more than 150 data nodes and kafka, zookeeper nodes
- Commissioning and decommissioning nodes
- Kerberos configuration & SSL/TLS enable
- Provide support to bigdata related issues
- User onboarding process
- HDP cluster deployment
- HDP to CDP public cloud migration
- Cluster planning and service mapping design
- CDH and HDP cluster deployment with security

**Jan 2016 – Jun 2019**

**SOFTWARE ENGINEER – TERA BYTE COMPUSOFT – PUNE, INDIA.**

**INTERN | TERA BYTE COMPUSOFT | JAN 2016 – JUN 2016**

Ingesting data from MYSQL RDMS system to HDFS and managing their cluster and performing various administrative operations on ongoing Hadoop infrastructure. Dealing with Business Intelligence and Application Team for processing and analyzing huge data on Hadoop cluster

### Major accomplishments:

- Involved CDH clusters deployment
- Monitoring jobs, resource manager UI and CDH UI
- Resolved number of issues faced by the team
- Prepare health reports of the clusters
- Data nodes commissioning and decommissioning
- Health report generation
- Kerberos configuration
- User onboarding process etc

## EDUCATION

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BACHELOR OF ENGINEERING – PUNE UNIVERSITY –  
PUNE, INDIA

10TH – MAHARASHTRA STATE BOARD – MAHARASHTRA,  
INDIA

12TH - MAHARASHTRA STATE BOARD – MAHARASHTRA,  
INDIA

## ACADMIC PROJECT

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<http://ierj.in/journal/index.php/ierj/article/viewFile/187/169>

## LANGUAGES

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ENGLISH | HINDI | MARATHI | URDU