



Kazi Kashif Khalid Afsar

Senior Big Data Hadoop Administrator

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Objective:

- Highly skilled Hadoop Administrator with 5+ years of experience. Seeking to leverage my expertise in the field of Big Data to get a position as Hadoop Administrator.

Work Summary:

Job Role and Responsibilities:

Organization : **RELIANCE INDUSTRIES, New Mumbai**
Designation : Hadoop Administrator.
Duration : From June 2018 to Till Date.

- Expertise in Hortonworks Data Platform, Apache Hadoop and Cloudera Enterprise distribution of Hadoop Eco-system on Amazon Web Services cloud and on-premises which includes supporting and contributing with my team, developers and architects in planning of Hadoop clusters, setting up and configuring a core/customized Hadoop cluster, processing large data sets, loading data from multiple sources using Sqoop and Flume, enabling High availability for services and daemons, commissioning and decommissioning, Report generation of running nodes using various benchmarking Operations, scaling, Firewall update, Node failure recovery, performance tuning and Documenting all production scenarios, issues and resolutions
- Performed HDP 3.X (Hadoop 3) major upgrade in the on-premises environment with the team
- Implemented on-premises data lake central platform with team.
- Kerberos installation and configuration on HDP and CDH
- Configured and integrated Atlas, Ranger, NiFi with the HDP cluster.
- Created 1-Way trust between corporate AD and local MIT KDC in an HDP 3.X production cluster.
- Configured SSSD service in order to join the AD users with OS (OS Realm Joining).
- Configured hadoop service as a micro service on a kubernetes cluster.

Skills and Expertise:

- Specialist in delivering Enterprise Data Hub in cloud and on-premises environment.
- Capable of planning and estimating cluster capacity and creating roadmaps for Hadoop cluster deployment with my team.

- Specialist in provisioning production ready Hadoop clusters in multi-cloud environment using Cloudera Director
 - Specialist in planning and implementing Backup & Disaster Recovery for Hadoop Cluster
 - Performed HDP 3.X (Hadoop 3) major upgrade in the on-premises environment with the team

 - Experienced in integrating HDP services like Ranger, Atlas, NiFi with the Active Directory Kerberos.
 - Advanced experience with Hortonworks Data Platform (HDP)
 - Effective communicator with excellent relationship building & interpersonal skills.
 - Experienced in setting Cloudera Enterprise Hadoop prerequisite on Linux server and installing production cluster in Cloud environment.
 - Running, Prioritizing & troubleshooting various jobs in Hadoop Cluster.
 - Experienced in performing Data Migration between clusters.
 - Expertise in orchestration by HDP and CDH cluster
 - Specialist in deployment of PAAS EMR cluster for running transient jobs using AWS management console.
 - Followed Best practices for preparing and maintaining Enterprise Hadoop Clusters in production.
 - Experienced in delivering a production ready Data Warehouse using Hive by configuring remote metastore and configuring MySQL database for it.
 - Experienced in setting up, installing, configuring, maintaining and monitoring services like HDFS, Yarn, Flume, Sqoop, Pig, Hive, Oozie.
 - Expert in performing Data Integration. Creating Data pipeline, loading data into the hadoop cluster from dynamically-generated files using Flume and from RDBMS using Sqoop, also from the local file system.
 - Performing cluster tuning, cluster monitoring and troubleshooting.
 - Configured security for Hadoop cluster, created configurations for Kerberos, Extended ACL, POSIX style permissions and Sentry.
 - Troubleshoot and debug Hadoop Eco system runtime issues.
 - Performed CDH rolling upgrade with my team.
 - Experience in Commissioning and De-commissioning, Trash configuration, node balancer.
 - Evaluation of Hadoop infrastructure requirements and design/deploy solutions.
 - Experienced in creation of high availability environment for different services in a Hadoop Cluster
 - Working knowledge of different Hadoop distributions like Hortonworks and Apache Hadoop
 - Loading Data from S3 to HDFS and vice versa, assisting in creation of data pipeline.
 - Maintaining the daily work allocation & keep the track of it as per SLA's
 - Working experience of AWS services like – S3, EC2, IAM, VPC and EMR.
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Previous work experience:

Organization : **HCL TECHNOLOGIES**
Designation : Senior Big Data Hadoop Administrator.
Duration : From March 2018 to June 2018

Job Role and Responsibilities:

- Expertise in Apache Hadoop and Cloudera Enterprise distribution of Hadoop Eco-system on Amazon Web Services cloud which includes supporting and contributing with my team, developers and architects in planning of Hadoop clusters, setting up and configuring a core/customized Hadoop cluster, processing large data sets, loading data from multiple sources using Sqoop and Flume, enabling High availability for services and daemons, commissioning and de-commissioning, Report generation of running nodes using various benchmarking Operations, scaling, Firewall update, Node failure recovery, performance tuning and Documenting all production scenarios, issues and resolutions.

Organization : **Cloudlytics Solutions**
Designation : Big Data Hadoop Administrator.
Duration : From August 2014 to March 2018

Job Role and Responsibilities:

- Expertise in Apache Hadoop and Cloudera Enterprise distribution of Hadoop Eco-system on Amazon Web Services cloud which includes supporting and contributing with my team, developers and architects in planning of Hadoop clusters, setting up and configuring a core/customized Hadoop cluster, processing large data sets, loading data from multiple sources using Sqoop and Flume, enabling High availability for services and daemons, commissioning and de-commissioning, Report generation of running nodes using various benchmarking Operations, scaling, Firewall update, Node failure recovery, performance tuning and Documenting all production scenarios, issues and resolutions.

Education:

- BE in Electronics – P.E.S College of Engineering, Aurangabad 2016.
- Diploma in E&TC Engineering – MSBTE 2013.
- 10th: 2010(State Board) – Maharashtra State Board 2010.

Personal:

- D.O.B. – 21st September 1993
- Nationality-INDIAN
- Marital status – Looking for prospects

Certifications & Achievements:

- IBM Big Data University certified for Big Data.
 - IBM Big Data University certified for Hadoop.
 - RHCE
 - Received R-Samman Star performer of the year 2018 from Reliance Industries
 - Received R-Samman Star performer of the year 2019 from Reliance Industries
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