

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 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
- 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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