Hadoop Administrator

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(Hadoop Security || AWS || Cloudera)

WORK EXPERIENCE

· More than **four Years** of Hands on Experience in Big Data Technologies and in Hadoop Administration.

· Currently working as a Hadoop Administrator with **Ayansys Solution Pvt Ltd,Hyderabad.**

· Deployed production ready cluster on AWS Data centre and on-premises.

· Performing Cloudera Manager Admin activities.

ROLES AND RESPONSIBILITIES

· Hands on Experience on Big Data and Hadoop Stack.
· Managing Hadoop clusters on AWS Data Center.
· Upgraded those Hadoop clusters on Cloudera platform.
· Secured Hadoop cluster by implementing Authentication using Kerberos Active
    Directory,Authorization using Sentry,Encrypting data using KMS and SSL/TLS.
· Worked on changing Linux parameters for installation of clusters i. e. Performance Tuning.
· Involved with Data Architect in cluster planning and capacity planning.
· Created data pipeline, loading data from multiple sources to cluster.
· Experience in analyzing log files, finding root cause, and taking recommended action.
· Performed YARN Administration including - setting up Capacity and Fair
Scheduler.
· Created Highly available Hadoop cluster in production environment.
· Experience in Backup and Disaster recovery process.
· Decommissioning & Commissioning nodes on running cluster including Balancing HDFS
data.
· Troubleshooting Hadoop issues on priority and identifying root causes.
· Documenting all production scenarios,issues and resolutions.
· Managed services on AWS Cloud such as s EC2,EBS,RDS,S3,VPC,IAM
Role,AutoScaling Group,Elastic Load Balancer, SNS,VPC Peering,VPC Endpoints,AWS
VPN.

KEY COMPETENCIES

- **PLATFORM** – Cloudera
- **HADOOP STACK**– HDFS, Yarn, Hive, Sqoop, Kafka,Impala,Zookeeper
- **HADOOP SECURITY** – Kerberos (Active Directory, MIT) Sentry, ACL, KMS.
- **CLOUD** – AWS.
- **OPERATING SYSTEM** – Linux.
- **SCRIPTING** – Shell Scripting.

WORK EXPERIENCE

Currently working as a Hadoop Administrator since Nov 2016.

EDUCATION

- BE (Computer science & Engineering)
- Diploma(Computer Technology)

CERTIFICATION

- AWS Certified Cloud Practitioner

PROJECTS

- Domain: Telecommunication
- Client location: Indonesia
- Duration: Nov 2016 – Dec 2018
- Roles:
    - Monitoring Cluster by using Cloudera Manager.
    - Managing Hadoop cluster and connectivity.
    - Commission and Decommission of nodes in cluster
    - Configure Trash and Setting Quotas.

- Domain:Retail
- Client Location: USA
- Duration: Jan 2019 – Present.
- Roles:
    - Deployed and Configured Hadoop Cluster.
    - Involved in Cluster planning, Capacity planning.
    - Secured Cluster by using Kerberos, Sentry.
    - Performance tuning on cluster.