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CAREER OBJECTIVE

To be an integral part of a competitive work environment, this would help me to grow on the intellectual and personal front while contributing to the growth and success of the organization.

TECHNICAL SKILLS

HDFS, Hive, SQOOP, Map reduce, Spark, Linux Shell scripting, SQL, Hive SQL, Scala, Ansible, AWS cloud services, S3, EC2, RDS, EMR, SNS, Azure devops.

PROFESSIONAL SUMMARY

- Working as **Analyst** with **Cognizant** since November 2021 to till date.
- Worked as **Hadoop Administrator** with **TATA Consultancy Services Pvt. Ltd** from January 2019 to November 2021.
- Worked as a QA Tester with **TATA Consultancy Services Pvt. Ltd** from November 2018 to December 2018.
- Having 3.10 years of experience in **Hadoop Administration** and Big data technologies specialized in Hadoop cluster setup, installation, and configuration and administration experience of multi-node cluster using APACHE AMBARI for HORTONWORKS distribution and CLUDERA AWS.
- Specializing in performance tuning of Hadoop clusters including supporting HA Name nodes, balancing HDFS block data and data node addition and decommission.
- Created on-demand EMR cluster for batch and sqoop jobs.
- Experience in creating S3 buckets and maintaining policies for s3 buckets.
- Used Spark SQL to load JSON data and create schema RDD and loaded into hive tables and handled structured data using Spark SQL.
- Implemented spark using scala and utilizing spark Data frames and spark SQL API for faster processing of data.
- Hands on experience in analyzing Log files for Hadoop and eco system services and finding root cause.
- Good working knowledge in Unix shell scripting which include scripts for monitoring the health of Hadoop daemon services and other maintenance activities.
- Involved in snapshots and HDFS data backup to maintain the backup of cluster data and even remotely.
- Performed import and export of data into HDFS using SQOOP.
- Highly motivated professional with integrity and commitment to quality and perfection.

CERTIFICATIONS

- AWS Certified Solutions Architect Associate - December 2020

Experience Summary: Cognizant Technology Solutions

Duration : 1 year (Nov 2021-Present)
Role : CDL Administrator(Cloudera AWS)
Team Size : Nine

Responsibilities:

- Managed 100+ nodes on Hadoop cluster using AWS Cloudera .
- Create EMR cluster in Production and QA environment based on the Development team's need.
- Troubleshoot issues related to EMR cluster creation and work on automating folder creation and adding service account through bootstrap scripts.
- Worked on deployments using Azure devops and moved the code from dev environment to QA and Prod environment.
- Experience in managing and administering DATAIKU.
- Worked on moving code environment from DEV to PROD and installed packages based on request in dataiku.
- Amazon IAM service enabled to grant permissions and resources to users. Managed roles and permissions of users with the help of AWS IAM .
- Built S3 buckets and managed policies for S3 buckets and used S3 bucket and Glacier for storage and backup on AWS .
- Worked on setting up keystore for AWS keys.
- Responsible for troubleshooting issues in the execution of spark and hive jobs
- Management of security in Hadoop clusters using Kerberos, Acl's.
- Incident tickets involved sudo access request, setting HDFS quota, providing access to Dbs and Hue user creation.
- Coordinating with On-call Support if human intervention is required for problem solving.

Experience Summary: TATA Consultancy Services Pvt. Ltd

Duration : Three Years (Jan 2019 - Nov 2021)
Role : Hadoop Administrator
Team : Three

Responsibilities:

- Managed 400+ nodes on Hadoop cluster using Hortonworks.
- Work on fixing the Hardware issues in the servers and effective monitoring of the Hadoop cluster.
- Maintained and monitored all servers' operating system and application patch level, disk space and memory usage, user activities on daily basis.

- Responsible for troubleshooting issues in the execution of Map Reduce and hive jobs by inspecting and reviewing log files.
- Have experience in monitoring the CPU, memory usage of all the master servers using Grafana Dashboard .
- Have worked on upgrades for Mysql, OpenJDK version and migration of ambari server from RHEL 6 to RHEL 7.
- Added script to check the NAS usage of application teams with high usage using shell scripting.
- Have experience in addressing Security vulnerabilities reported by Qualys tool to maintain Health and Security of Hadoop servers.
- Incident tickets involved directory and path creation in servers, Hue user creation and startup of JVMs after server reboot.
- LVM configuration and increasing the size of Logical Volume and updating the file system

EDUCATIONAL QUALIFICATIONS

Course	Institution	Board/University	Duration	Marks(%)
B.E. (ECE)	Sri Sairam Engineering College	Anna University	2014-2018	80
HSC	Vyasa Vidyalaya Matric. High School, Chennai	State Board	2013-2014	90
SSLC	Vyasa Vidyalaya Matric. High School, Chennai	State Board	2011-2012	95.2

PERSONAL PROFILE

Date of Birth : 18/09/1996
Gender : Female
Nationality : Indian
Languages : English, Tamil

DECLARATION

I hereby declare that the above furnished details are true to the best of my knowledge and belief.

[Devi K.]

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