ROBERT SMITH

Senior Hadoop Administrator/Consultant

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SUMMARY

Over 7 years of experience in IT, which includes 4 years of experience in Hadoop environment as an administrator. Hands on experience in deploying and managing the multi-node development, testing and production Hadoop cluster with different Hadoop components (HIVE, PIG, SQOOP, OOZIE, FLUME, HCATALOG, ZOOKEEPER, HBASE) using Cloudera Manager and Hortonworks Ambari.

CORE COMPETENCIES

MS Office, Proper knowledge and hands-on experience in Hadoop ecosystem components.

PROFESSIONAL EXPERIENCE

Senior Hadoop Administrator/Consultant
Cablevision - January 2015 – 2020

Key Deliverables:

- Involved in setting up Cloudera Hadoop Cluster and wrote MapReduce jobs, Hive queries and Pig Latin scripts to explore through the data to find significant information for trend analysis.
- Deployed high availability on the Hadoop cluster quorum journal nodes.
- Implemented automatic failover zookeeper and zookeeper failover controller.
- Designed and implemented a toolset that simplifies provisioning and support of a large cluster environment
- Reviewed performance stats and query execution/explain plans.
- Recommended changes for tuning.
- Created and maintained detailed, up-to-date technical documentation.

Senior Hadoop Administrator
Delta Corporation - 2010 – 2015

Key Deliverables:

- Stanford Health Care is a leading healthcare provider in California.
- It has nearly 40,000 room visits per year and hosts 20,000 inpatients yearly.
- The files obtained were decided to be maintained in Hadoop cluster for further analysis.
- Responsibilities Deployed a Hadoop cluster using cdh3 integrated with Nagios and Ganglia.
- Monitored workload, job performance and capacity planning using Cloudera Manager.
- Imported logs from web servers with Flume to ingest the data into HDFS.
- Implemented Fair scheduler on the job tracker to allocate the fair amount of resources to small jobs.

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EDUCATION

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