Shefali Gupta

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Summary

A software professional with 6 years of extensive experience in Java & Big Data Technologies(Hadoop, Hive, Spark,Kafka,Storm & Scala),Able to quickly adapt new technologies to implement best in-class solution.

Highlights

* Relevant experience of Core Java(Map Reduce Jobs-log analysis & data cleaning)
* Understanding of Hadoop/Hive/Map reduce/Spark ecosystem & able to utilize Unix environment
* Experience with cluster formation & maintenance tasks-cluster monitoring/Troubleshooting etc.
* Strong corporate presentation ability as an add on to efficient communication skills, skilled in smooth client interactions

Work Experience

**Company: Tech Mahindra, Noida June 2014-March 2017**

**Project: ISAAC WFE ETL application-Thunderbird(AT&T)**

**Role: Hadoop Developer**

**Description:**

The system will ingest Uverse data from ISAAC workflow database, transform it, store it in high volume store, and export it to BOBI/UDART/DATALAKE system for the derived reports to be delivered to business users on time. In addition, the system will provide an archival process to remove stale data, add failover redundancy, and give status updates. The system will be deployed on a low-cost commodity hardware on 40 clustered instances in the internal AT&T corporate cloud.

**Responsibilties:**

* Installed and configured Apache Hadoop(40 node cluster), Spark, Hive and Pig environment on the server
* Managing data from different sources(ISAAC DB) & loaded semi-structured & unstructured data into HDFS, imported & exported data into HDFS and hive using Sqoop, Worked on Shell scripts to dump the data from MySQL to HDFS
* Created portioning and bucketing through Hive table
* Created visualisations & reports for the BOBI/UDART team using Tableau
* Wrote custom Nagios scripts to monitor Name node, data node, secondary name node, job tracker and task trackers daemons and setup alerting systems.
* Developed multiple Map Reduce Jobs in Java for Data cleaning & pre-processing

**Company: Infosys Limited,Gurgaon July 2018-Till date**

**Project: GST**

**Role: Hadoop Developer**

**Description:** This is the government project -Goods & Service Tax. GST is fundamentally a Tax accounting platform for all indirect taxes.Tax accounting includes Registration of tax payers, filing of returns, payments and accounting of taxes in appropriate ledgers and supporting the corresponding back end processes required to perform the above.

**Responsibilities:**

* Developing various utilities of Registration,Payment And return process in GST.
* Writing mismatch algorithm
* Building storm topologies for stream processing.
* Building various algorithms for the functionality like heart beat generator

Skills

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| --- | --- |
| Programming | Core Java, **Scala**(v2.9.3), Python, C, C++ |
| Web technologies | HTML, PHP, JavaScript, JQuery |
| Software | Ambari-Hortonworks(v1.3), MongoDB, Tableau, HP-ALM |
| Big Data Ecosystem | **Apache Spark**(v2.1.0), HDFS, Kafka,Apache storm,Hive(v0.12.0), Teradata, **sqoop**(v1.4.4), YARN, Zookeeper, Pig(v0.11.1), ETL, HBase, Oozie(v4.1.0), **MapReduce**(v2.2.0) |
| Database | Oracle (v.10.0), SQL server 2012, MySQL, NoSQL, Mongo DB, Teradata, Data lake, Toad |

Education

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| --- | --- | --- | --- |
| College(2010-2014) | **70%** | Btech in Computer Science, Global technical campus, Jaipur | Rajasthan technical University(RTU) |
| School (12th)-2010 | **72%** | DAV centenary school, Ajmer | CBSE board |
| School(10th)-2008 | **89.2%** | Mayoor school, Ajmer | CBSE board |

Declaration

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

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