Deepak Nirala

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Gender

Male

Date Of Birth

11/12/1998

Nationality

Indian

Marital Status

Single

Linguistic Proficiency

English, Hindi

Objective

Looking for the opportunity to work as software professional for a software company to continuously add value to myself as a Software professional and to contribute my learning towards organizational growth.

Experience Summary

- Overall 2 years of experience in Big Data technologies and Python.
- Working in **Linsyssoft Technologies** since **July 2019**.
- Hands on experience on Hadoop Eco systems e.g. Spark, HDFS, Map Reduce, Sqoop, Hive, Oozie.
- Importing and Exporting Data from HDFS and RDBMS using Sqoop.
- Developed sqoop scripts to fetch data from different relation databases.
- Good understanding of Partitions, Bucketing concepts in hive.
- Developed Hive queries as per project requirements.
- Automated jobs using scheduling tools like Oozie.
- Experience on Performance tuning of Hive queries.

Technical Expertise

- **Languages** : Python
- **Big Data Skills** : Spark, HDFS, Hive, Sqoop, Oozie
- **Operating Systems** : Linux
- **IDE** : IntelliJ
- **Connectivity tools** : Putty, Winscp

Project #1

Project Name : Infrastructure Transformation

Client : Vietnam Mobile

Environment : Python, Spark, Hadoop, Hive, Sqoop, Oozie, Hortonworks

Role : Developer

Project Description

The Big Data platform will be used for storing all the relevant data for Business Intelligence reporting. It is using Spark for batch processing and store data into Hive tables. The data has been read from multiple source systems like Singleview, Interconnect, VMS, etc and stored into external Hive tables. By using Hive join, multiple hive tables have joined to create one table, Tableau can access this final table to create reports as per business use cases. The reports and dashboards have been designed for various users across functions in Tableau.

Responsibilities:

- Read data from Singleview, Interconnect, VMS, etc and write it to Hive tables on regular basis using Spark after various transformations.
- Solved performance issues in Hive with usage of joins, group and aggregation and how does it translate to Map reduce jobs.
- Hive Query optimization using bucketing/partitioning.
- Creating workflows using oozie and job automation using job scheduler.

Project #2

Project Name : Data archival Platform

Client : Vodafone India

SKILL SET : Java, Hadoop, Hive, Sqoop, Oozie, Eclipse, HBase, Solr

Role : Developer

Project Description

The Data Archival Platform deals with historical telecom data which needs to be accessed to perform an online search for regulatory purposes and keep the data in archived form to free up storage from transactional systems. It has also been important to perform advanced analytics that help improve business decisions. While recent data may be available from enterprise transactional systems, the traditional practice of archiving old data offsite on tape makes business analytics challenging, is not impossible, the historical information needed is simply unavailable.

In the application, get data from existing data source (Socio Platform, Mysql, Siebel CRM and Oracle CRM) to the new Archival platform to free storage and enhance processing power on the Source system and It provides query facility on the archived data through REST webservices.

Responsibilities:

- Responsible for writing Hive queries as per business requirements.
- Understanding of partitions, bucketing concepts in Hive and designed both managed and external tables in Hive to optimize performance.