Ashish Kainth

Big Data Developer

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Career Summary

- Overall, 2.5 years of experience in IT Industry as Big Data Developer – mainly in Core Hadoop, Spark, Hive and Scala.
- Good Hands on experience in Hadoop Ecosystem and its major components.
- Improvising the tuning options using HIVE functions such as Partitioning, Bucketing, and Index.
- Worked with various HDFS file formats like parquet files, json, text files and various compression format like snappy.
- Developed scripts using shell script for validating the data.

Professional Experience

March 2018 – Present　　　　　System Engineer
Tata Consultancy Services

Technical Skill

Big Data Technologies: HDFS, Spark, Hive, Sqoop

Programming Languages: Scala, C

Scripting Languages: Unix Shell scripting

Other tools: Putty, Eclipse, GitHub, ETL, BitBucket

Methodologies: Agile and Waterfall

Project: Bank of America

Project: Falcon

Role: Hadoop Developer

Project Description:

This project is regarding processing the raw data file by using spark application and then ingested the processed file from HDFS to Hive table and later files are generated as extracts using HIVE QL and sent to downstream. The Spark application code is developed using Scala in a Generic Extraction Framework (GEF)model, which processes data by referring the parameters in property file.

Responsibilities:

- Writing spark code to processed the raw data file and load the processed data file into HDFS path
- Data Loading from HDFS path to hive external table.
- Develop Hive Query Language (HQL) for the extracts generation for downstream
- Autosysscheduling to run the framework with required frequency(daily/weekly/monthly/quarterly) to handle various data ingestion..
- Involved in complete end to end deployment process in production.

Project: Erica

Role: Hadoop Developer

Project Description:

This project is regarding to ingest data from multiple sources DB2, Oracle, SQLServer, Teradata, Flat Files, Cassandra. Initially it was all written as single application. Due to increase in sources for analytical discovery, we developed a Common Ingestion Framework which connects the data sources and ingest the data into Hadoop after validation for analytical purpose. Framework is developed in such a way that it handles sources like, JSON, RDBMS, Flat file and NoSQL like Cassandra.

After data ingested into Hadoop, it is visualized by Tableau team.

Responsibilities:
- Develop Hive Query Language (HQL) for the extracts generation for downstream.
- Create new DDLs and make modifications for the new installs according to the requirement in the existing framework.
- Autosys scheduling to run the framework with required frequency(daily/weekly/monthly/quarterly) to handle various data ingestion.
- Involved in complete end to end deployment process in production.

POC: Converting Multidimensional JSON file to flat-file using Spark and load into the hive table

Role: Hadoop Developer

Project Description:

The main objective of the POC is to convert the Multidimensional JSON file to flat-file and load it to the hive table. The dataset includes the sample transactional details Data analysis like counting the delimiters in input flat-file

Responsibilities:

- Data ingestion from RDBMS to HDFS using Sqoop.

- Develop Hive Query Language (HQL) for Data Transformation.

- Create new DDLs and make modifications based on requirement.

Certifications:
- **Google Cloud Platform Fundamentals:** Data Engineering and Big Data on GCP by Coursera
- **Digital : Bigdata And Hadoop Ecosystems foundation** certification by TCS
- **Snowflake Associates Certification by** Snowflake
- **Collibra Expert level |, || and |||** certification by collibra
- **Agile Way of Working Foundation** certification by TCS
- **BIPM AO using Informatica_BO v3.0** certification by TCS

Education

2013-2017	**Bachelor of technology (Electronics and communication)**
	Guru Gobind Singh Indraprastha University, Delhi
	Percentage: 76.2%

2012–2013	**Intermediate**
	Shivalik Model Sr. Sec. School, Nangal, Punjab
	Percentage: 70%

2010-2011	**10th Standard**
	Shivalik Model Sr. Sec. School, Nangal, Punjab
	Percentage: 70%

Achievements and Trainings

- Appreciated by TCS management team for meeting on-time delivery of project and achieved Process Excellence Performance.
- Appreciated by TCS for Digital excellent performance in the learning group.
- Appreciated by leads for the contribution in the project (Smart Mirror) during training.

Personal Details:

Date of Birth:	14 May 1996
Marital status:	Single
Gender:	Male
Nationality:	Indian
Language Known:	English, Hindi, Punjabi
Hobbies:	Playing Guitar, Cooking, Travelling