



Akash Singh Kesarwal

Hadoop Engineer



Profile

Highly motivated, tech-savvy professional with an insatiable appetite for success and career growth.



Skills

Hadoop Ecosystem:

Apache Pig, HDFS, HIVE, Impala
Sqoop, Oozie, SparkSQL

Languages and Scripting:

Python, C++, Scala, Shell
Scripting, XML Scripting

RDBMS:

SQL Server, Oracle 11g



Contact

+91-9169778520

aks.neov@gmail.com

[linkedin.com/in/akashkesarwal/](https://www.linkedin.com/in/akashkesarwal/)

ADDRESS:

G02, Greenfield Apartments
Kaikondhrahalli,
Bellandur, Outer Ring Road
Bengaluru - 560103



Work Experience

Big Data Engineer

Virtusa Software Services

Sep 2017 – Present

Project: CMF Data Integrity for British Telecom

Team Members: 3

CMF (Customer Master File) Data-Integrity enriches the raw customer information into the BT hierarchical model and ensures that internal systems remain in sync which gives us benefit of serving customer from any of the BT gateways

Responsibilities:

- Generated Automated DI reports using SparkSQL, HIVE and Shell Scripts available in Hadoop Environment which monitor the current discrepancies and detect any new one.
- Developed an Automated Job to monitor data movement from UNIX file system to HDFS and vice versa.
- These reports and corrections provided, obtained special appreciation from client side and were showcased to senior officials to begin a trend of data correction in other Lines of Business of BT.

Hadoop Developer

Virtusa Software Services

Oct 2016 – Sep 2017

Project: SIM REWRITE for British Telecom

Team Members: 8

BT is a major telecom retailer based out in UK. The SIM Ab Initio ecosystem was migrated to Hadoop Environment which sped up the BAU process from 30 Days to 2 days. SIM (Single Information Module) maintains the Billing Accounts, Address, Asset and other information as part of MDM (Master Data Management).

Responsibilities:

- Scheduling daily unloads from DB to populate HIVE tables leveraging HADOOP ecosystem components i.e. SHELL, SQOOP and Shell Scripts to create an Unload Framework.
- Development of SIM Extracts and SIM Entities which involved ingestion of data from upstream systems, storage in HDFS, ETL using HIVE, SparkSQL and PIG and transfer feeds to downstream systems.
- Developed Hadoop scripts based on business rules, while collaborating with various stakeholders to perform source-to-target data mapping, design and review



Education

Indian Institute of Technology (BHU) Varanasi

5 Year Integrated Masters' Degree (B.Tech + M.Tech)

INDUSTRIAL CHEMISTRY

2011 – 2016