**Name :- Rohit Kumar**

Mail :- [rohit1005140@gmail.com](mailto:rohit1005140@gmail.com)

**Phone :- 9703513241**

#### Professional Summary:

* 8 years of overall IT experience in application development of Banking and Telecom domain.
* 6 + years of Extensive working experience on Big data ecosystem components –

**Hadoop,pyspark,hive,python,SparkSQL,hdfs**

* Experience in building datapipeline applications(batch and even driven)
* Working Knowledge on **Autosys, Devops tool like JIRA and BIT BUCKET.**
* Experience in managing and processing large data sets distributed on multi-server, distributed systems from inception to execution.
* Strong understanding of development processes and agile methodologies.
* Good presentation, coordinating and team skills.
* Flexible and ready to take on new challenges.
* Ability to work independently and in collaboration with various team.
* Strong problem solving and technical skills coupled with clear decision making and ability to learn quickly and adapt to new technologies.

#### Certification and Training

* Microsoft Azure Certification(AZ-900),
* Attended Training on AWS.

#### Professional Experience:

* I am Currently working at Capgemini India from Dec - 2020 - Till
* Previously, I have worked for Tata Consultancy Services Pvt Ltd as IT Analyst and joined this organization as Assistant System Engineer Trainee in July 2014 - Nov 2020

#### Technical Skills:

Programming Languages : Python

Databases : Hive (Query), Oracle

File System : HDFS, Local,S3

Processing : pySpark API ,Spark SQL ,Hive ,Kafka

File Format : CSV, JSON, ORC, Parquet

Other tools : JIRA, BitBucket, Autosys, Pycharm,udeploy

**Recent Assessments:**

**Project #1 :**

Title : Collections Personas

Domain : NBFC

Client : Synchrony Financial

Duration : Dec 2020– Present

Role : Big Data Developer

Technology **:**  python, pyspark, unix, hive

**Description:**

**Collections Personas is a rule based tagging of different type of customers of Synchrony. The Project classifies lenders on the basis of various banking conditions,the persona tagging was utilised for recovery of loan amounts and future lending.**

**Role and Responsibility**

---------------------------------

* implementing classification of customer rules in pysark
* collating data from sql data source to hive using sqoop tool
* writing complex sql queries to join various tables and deriving output and saving in hdfs.

**Project # 2:**

Title : Net New Money(NNM)

Domain : Banking

Client : Citi bank

Duration : Sep 2019 – Present

Role :Hadoop Developer

Technology **:**Hive, Sqoop, Kafka

**Description:**

Net New Money is a banking use case for increasing customer experience

The objective of NNM is to forbid banking customers to withdraw money from their accounts by providing some offers. Saving related offers would also be provided to increase balances in account.

Data from SAS server would be brought back in HDFS based EAP. We would cleanse the data based on the requirement of Machine Learning Models and generate output in form of CSV files.

These CSV files would then be sent to Kafka Topics.

The offer Generation team called COP will consume Kafka Topics and generate Offers. They will send these offers to customers via email and phone numbers.

**Roles and Responsibilities:**

* Involved in gathering the requirements, designing and development.
* Creating Hive Tables.
* Transferring data from SAS Server to EAP using sqoop and citiStreamer(tool)
* Mapping different columns of SAS table to Hive Table.
* Creating scripts to delete and maintain a particular period of data.
* Transferring data to Kafka Topics

**Project # 3:**

Title : Card Data Warehouse and Banking Data Warehouse migration(CDW-BDW)

Domain : Banking

Client : Citi bank

Duration : Mar 2019 – Aug 2019

Role :Hadoop Developer

Technology **:**Java, Apache Hive, unix, python

**Description:**

A migration project of transferring RDBMS data to HDFS based platform called as Enterprise Application Platform(EAP). The EAP would be leveraged to implement various banking use cases for increasing customer experiences and build further big data related application on top of EAP.

**Roles and Responsibilities:**

* Involved in gathering the requirements, designing, development and testing.
* Creating Hive Tables.
* Transferring data from OracleDB to EAP using sqoop and citiStreamer(tool)
* Written the Hive jobs for processing the csv files and results are stored into HIVE.
* Scheduled the whole process using Auto watch.
* Developed the UNIX shell scripts.
* Unit testing.
* Integration testing with all other components (whole package).

**Major Assessments:**

**Project # 4:**

Title : Merchant Recommendation Engine (MRE)

Domain : Banking (Citi)

Client : Citi bank

Duration : AUG 2017 – March 2019

Role :Hadoop Developer

Technology **:**Java, Apache Hive, beeline, Sqoop, Spark with Scala, Shell Scripting, oracle

**Description:**

Increase card retail spend and interchange/FX revenue by hyper personalizing merchant offers to customers individual customer actions/spends to be a prime consideration to target merchant offers at customers peer group actions/spends to be an additional consideration to target merchant offers at customers.

MRE is the one of the sell kind of revenue generation use case that runs on EAP frame work for providing recommendations to customers based on the history of customer spends and peer group spends.

From the input data, we will cleanse the data using spark with scala, prepare Merchant repository and then finally store into HDFS. This data will be feed to MRE Algorithm to generate recommendations to the customers. Output will be placed in Hive tables as well as in hadoop with the csv format.

Once recommendations are generated, Data will be exported to oracle database using sqoop export to cops team. Cops team will generated offers to the customer based on this data.

**Roles and Responsibilities:**

* Involved in gathering the requirements, designing, development and testing.
* Developed spark scala code for cleansing the data.
* Written SQOOP scripts to export from hive tables into oracle data base.
* Written the Hive jobs for processing the csv files and results are stored into HIVE.
* Scheduled the whole process using Auto watch.
* Developed the UNIX shell scripts.
* Unit testing.
* Integration testing with all other components (whole package).

**Major Assessments:**

**Project # 5:**

Title : Venom

Domain : Banking

Client : Bank of America

Duration : Feb 2016 – July 2017

Role : Java and Hadoop Developer

Technology **:** Java, Hadoop

**Description:**

Building application for Client for both Batch Processing using Core Java and real time data processing using spark streaming, other data tools like Flume and Kafka was also used, Streaming data was used for fraud analytics purpose

**Roles and Responsibilities:**

* Reading Data from server logs using java for Batch Processing
* Using spark streaming for sending and analyzing real time data.

**Major Assessments:**

**Project # 6:**

Title : Software Gateway

Domain : Telecom

Client :Ericsson

Duration : DEC 2014 – Jan 2016

Role : Java and MQL Developer

Technology **:** PLM tool by Dassault System, JAVA, MSSQl

**Description:**

Software Gateway application for downloading software by Ericsson’s client

**Roles and Responsibilities:**

* Worked as ITIL support engineer.
* These were some of the task performed using BMC remedy ITSM tool
* Problem and incident management: Find solutions to decrease downtime and prevent incidents before they happen.
* Ticketing: Track solutions and assign work based on specialties or technical experience and observe trends in scope of work.
* IT service model ready: Use existing models of best practices to guide your processes with built in IT service models.
* Asset management: Track and manage physical devices and add-ons throughout their lifecycle.
* License management: View license requirements and manage updates, and be informed on upcoming changes or renewals.

***Proof of Concept***

I have done POCS on Kafka which includes writing producer and consumer code.

***Education***

B.Tech: Computer Science and Engineering, KIIT University, Bhubaneswar,2014

HSC: Ishan International Public School(CBSE), Patna, Bihar,2009

SSC: GBMRC(CBSE), Bodh Gaya, Bihar,2007

***Personal Details***

Current place : Hyderabad

