**CURRICULUM VITAE**

**IMTIYAZ AHMAD BIG DATA (HADOOP/SPARK DEVELOPER)**

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**Objective**

**Seeking challenging assignments in the field of IT as Software Engineer/Senior Software Engineer/Team Lead that would facilitate the maximum utilization and application of my broad skills and expertise in making a positive difference to the organization**

**PROFESSIONAL SUMMARY**

* Possess **4+ Years of experience in IT** Industry as a **Software** **Engineer** (**Hadoop Developer).**
* **1+ year of work experience as a Java Developer.**
* **6 Month work as Oracle developer.**
* **1 year work as spark kafka ELK.**
* Over **2.2 years of extensive experience in Hadoop/Spark** Framework and its tools like HDFS,Pig, Sqoop, Hive, Flume, kafka,HBase,Spark .
* Excellent understanding of HDFS, Spark, MapReduce, YARN and tools including Hive, and Pig for data analysis, Sqoop and Flume for data ingestion.
* Good knowledge on Spark components like SparkSQL, Spark Streaming.
* Experience on Spark Core, Scala and creating RDD to perform aggregations, grouping etc in Spark.
* Experience on creating schema to data in Spark and performing SQL operations using SparkSQL
* Worked on creating the RDDs, Data Frames for the required input data and performed the data transformations using Spark-core
* Hands on experience on Integrating Hive with Spark to perform HQL in Spark
* Expertise knowledge on Hadoop framework In-depth understanding of HDFS & MapReduce architecture.
* Hands on experience on HDFS, HIVE, PIG, Hadoop, Map Reduce framework and SQOOP.
* Experience on ingestion large dataset transfer between RDBMS to HDFS using Sqoop.
* Worked extensively with HIVE DDLs and Hive Query language (HQLs).
* Good experience in database design, creating Tables, Views and Indexes.
* Involved in PIG Latin scripts for handling business transformations.
* Experience on NO-SQL databases like HBASE.
* Experience on streaming tools like Flume and knowledge on Kafka.
* Vibrant Knowledge on Scala.
* Familiarity with the common computing environment (Linux).
* Vibrant in Core Java application development.
* Vibrant communication and inter-personal skills.

**Core Competencies**

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| --- | --- |
| **Big Data Ecosystems Tools** | Hadoop, Spark, HDFS, Hbase, Hive, Pig, Sqoop, Flume, Kafka, Presto. Elk |
| **Programming Language** | Core Java, Scala,python |
| **Environment** | Eclipse,Sbt, Intellij |
| **Databases** | Oracle, MySQL |
| **NoSql Databases** | Hbase. |
| **Operating Systems** | Window, Linux ,Cloudera Distribution |

**Career Highlights**

* Capability of executing challenging tasks with right blend of intelligence and patience.
* Optimistic and honest in the study field.
* Possess leadership, communication, motivational and inspirational skills.
* I take my work not as duty but as my responsibility.
* Hardworking and optimistic in nature.

**Educational Credential**

**MASTER OF COMPUTER APPLICATION, JAWAHARLAL NEHRU TECHNOLOGIICAL UNIVERSITY, HYDERABAD , INDIA.**

**WORK EXPERIENCE:-**

* Currently working as **Sr Spark ELK Developer** in **VideoTap.com** client BMW Car **USA**
* I have working as **Sr Spark Developer** in **Shreepartners** client BCD Travel **USA since jun 2019 to jan 2020 As Contract**
* I have worked in **skywaytechno** company since Aug 2015 to Mar 2019

working as Sr software Engineer in **skywaytechno** client **Wipro** Gurgaon

Working period since Dec-2017 to March 28 2019

* Worked as Software Engineer in **skywaytechno**  since 17 Aug 2015 to 28 Mar 2019

**Technology Ratings**

|  |  |
| --- | --- |
| **Technology** | **Rating (Out of 10)** |
| Oracle ,MySql | 7 |
| **Hadoop**,MapReduce,**Spark**,HDFS,Pig,Sqoop,Hive Flume ,Kafka,Talend(ETL),**ELK,PostgreSQL,metabase server,** | 8 |
| Hbase | 5 |
| Unix ,windows | 6 |
| Core Java/Python | 5 |
| Scala | 5 |

**Work Experience/Poject details**

**Upgrade Technology**

* AWS ,AWS glue, Github, AWS S3 EC2, jankin, Elastic Search, Python, JIRA ,AGILE Talend(ETL),

**Current Project**

**Project Name : VIDEO Process**

**Client : bmw car USA**

**Environment :Hadoop(HDFS,Hive,Sqoop,HBase,kafka)**

**SparkSQL,SparkStreaming,SQLServer,Cassandra, Unix Hue,ELK,PostgreSQL,Metabase Server**

**Role : Sr Spark ELK Developer**

**Duration : FEB 3 2020 TO till date**

**Project Description**

**This is Advertisement project using Video**

Project which require near real time processing making data available for all consumers . This is the project for BMW car which provide globally to all customer.

**Project Name : DQT Process**

**Client : BCD Travel USA**

**Environment :Hadoop(HDFS,Hive,Sqoop,HBase,kafka)**

**SparkSQL,SparkStreaming, SCALA,PYTHON,SQLServer,Cassandra, Unix.Hue,**

**Role : Sr Spark Developer**

**Duration : May 18 2019 TO till date**

**Project Description**

A Pri-Trip ETL project which require near real time processing making data available for all consumers like UI ,TTR. This is the project of BCD Travel which provide global corporate travel management services.The purpose of BDU is to make the data lake so that we will not hit GDS(Global Distribution System) every time .For booking purpose we hit the GDS only one time that will reduce the expenses which is paid to GDS organization by the company(BCD Travel).

In this project data is coming from five different pipelines in form of XML getting from api , zip files ,streaming . We apply XSLT to convert given XML to standardize XML and convert to JSON .We push that JSON by using Apache Structure Streaming to corresponding topic of Kafka. After that read data from all Kafka topic and insert into HBase . HBase table map with CDC topic which maintain version of data . CDC topic data push on allpnrs topic. All consumer like TTR read data from this topic.

**Roles & Responsibilities:**

* ingestion large dataset transfer between RDBMS to HDFS using Sqoop.
* Responsible to write code for Kafka producer and consumer using Scala language.
* Create MapR Stream and topic with partition.
* Responsible to write code for Spark Streaming to process data and insert into Hbase.
* Responsible for xml Schema Evaluation.
* Enable upsert operation.
* Responsible for data modeling

**project#3**

**Project Name : DARTS Production**

**Client : WIPRO CLIENT Airtel**

**Environment :Hadoop,HDFS,Hive,Sqoop,Grafana,Exadata,Sqoop ,SQL Developer,Unix.Hue**

**Role : Sr software Engineer**

**Duration : Dec-2017 TO March 2019**

**Project Description**

ingestion large dataset transfer between RDBMS to HDFS using Sqoop.

Data is being produced at a rate too large for relational databases.

Lead Engineer in the transformation of data from relational DB to Hadoop. This project mainly deals with finding the churn prediction. It includes proper digging and analysis of both structured data to get deeper insights into customer behaviour, their service usage patterns, preferences, and interests real-time.

It minimizes customer defection by predicting which customers are likely to cancel a subscription to a service. Along with prediction it involves a lot much data engineering like acquisition, data cleaning, Data Munging and Data Transformation

**Roles & Responsibilities:**

* ingestion large dataset transfer between RDBMS to HDFS using Sqoop.
* Importing the customization at the Involves in the process of data acquisition, data cleaning, data pre-processing and data modelling.
* As a part of data acquisition using Sqoop
* For data cleaning and data preprocessing using Hive.
* Code review of project developed in hadoop making the necessary back-end level as per requirement of the business.
* unstructured data into the HDFS using Hue
* Automated all the jobs for extracting the data from different Data Sources like Mediation

to pushing the result set data to Hadoop Distributed File System.

* Developed Hive scripts to extract the data from the Mediation to load into HDFS.
* Hands on design and development of an application using Hive
* Responsible for writing Hive Queries for analyzing data in Hive warehouse using Hive (HQL).
* Provide support data analysts in running Hive queries.
* ingestion Data from Mediation to HiveQL Using SQOOP.
* Ingestion and exporting Data from Mediation to HDFS.
* Designed and built many applications to deal with vast amounts of data flowing through

multiple Hadoop clusters, using Hive and Java-based map-reduce.

* Responsible for defining the data flow within Hadoop eco system .
* Seduling Jobs using AbInitio.

**project#2**

**Project Name : Customer Complaints Analysis**

**Client : Mind in motion**

**Environment :Hadoop,Spark&Scala,HDFS,Hbase,Hive,Pig,Sqoop,Flume**

**Role : software Engineer**

**Duration : Aug-2016 TO Dec 2017**

**Project Description**

Data is being produced at a rate too large for relational databases.

Lead Engineer in the transformation of data from relational DB to Hadoop. This project mainly deals with finding the churn prediction. It includes proper digging and analysis of both structured and unstructured data to get deeper insights into customer behaviour, their service usage patterns, preferences, and interests real-time.

It minimizes customer defection by predicting which customers are likely to cancel a subscription to a service. Along with prediction it involves a lot much data engineering like acquisition, data cleaning, Data Munging and Data Transformation

**Roles & Responsibilities:**

* Ingestion the data from the MySQL into the HDFS using Sqoop.
* Importing the customization at the Involves in the process of data acquisition, data cleaning, data pre-processing and data modelling.
* As a part of data acquisition using Sqoop and Flume
* For data cleaning and data preprocessing using spark and its eco system (Spark and spark sql(hive))
* Code review of project developed in hadoop and spark and making the necessary back-end level as per requirement of the business.
* unstructured data into the HDFS using Flume
* Used Oozie to orchestrate the map reduce jobs that extract the data on a timely manner.
* Involved in using HBas.
* Automated all the jobs for extracting the data from different Data Sources like MySQL
* to pushing the result set data to Hadoop Distributed File System.
* Developed Pig Latin scripts to extract the data from the output files to load into HDFS.
* Developed custom UDFS and implemented Pig scripts.
* Implemented MapReduce jobs using PIG Latin .
* Hands on design and development of an application using Hive (UDF).
* Responsible for writing Hive Queries for analyzing data in Hive warehouse using Hive (HQL).
* Provide support data analysts in running Pig and Hive queries.
* Ingestion Data from MySQL to HiveQL Using SQOOP.
* Importing and exporting Data from MySQL to HDFS.
* Designed and built many applications to deal with vast amounts of data flowing through
* multiple Hadoop clusters, using Pig Latin and Java-based map-reduce.
* Responsible for defining the data flow within Hadoop eco system and direct the team in
* implement them.

**project#1**

**Project Name** **: Customer Record Information**

**Environment : Corejava,Oracle**

**Role : Software Engineer**

**Duration : Aug-2015 TO Aug-2016**

**Java Application Developer**

* Part of a 2 - 4 person team implementing a new Java system to replace existing legacy systems.
* Managed persistent data using JDBC interface to SQL Server 2000, as well as the Java serialisation scheme.
* Wrote extensive user interface using Java’s Swing classes.
* Responsibility for all areas of software development life cycle including requirement use cases, analysis, design, coding, testing, docs and maintenance.
* Designed large areas of the system using UML class and sequence diagrams.
* Fully tested the system using JUnit to specify functional and unit test cases.

**Personal Details**

**DECLARATION:** I here by declare that the above furnished information is true to the best of my knowledge and I will try my level best to rise your expectations if I am appointed.

**PLACE : ……………………**

**DATE :............................ (IMTIYAZ AHMAD)**