**Anil Kumar Sahoo**

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**Overview**

* Having **3.1 yrs** of total experience in the areas of software development in Java and Hadoop environment
* Currently associated with HCL Technologies as Senior Software Engineer (Hadoop)
* Having hands on experience on HDFS,SPARK, HIVE, HBASE,KAFKA and STORM on Hortonworks (HDP2.x) platform.
* Deft at mapping the requirements, adept to end-to-end development and troubleshooting software and application issues.
* Enthusiastic have excellent communication & interpersonal skills.

**Skill set**

**Big Data Ecosystems**: HDFS, SPARK, HIVE, HBASE, PIG, SQOOP , OOZIE, KAFKA,ZOOKEEPER

**Programming Languages**: Java/Scala

**Scripting Language**s: Bash

**Databases**: MySQL, Oracle, Teradata

**Tools:** Eclipse, Maven,Ant

**Platforms**: Windows 7, Linux,

**Application Servers**: Apache Tomcat 6.0

**Work History**

1. **Client: Lloyds Banking Group**

**Period**: Mar ’16-Till Date

**Domain**: Banking

**Team Size:** 12

**Project Details:**

* Acumen is a Framework developed in spark using java to produce the data to hadoop Data Lake which helps in taking good judgments and quick business decisions.

It is a solution to validate and ingest mainframe fixed length full and delta files to hadoop Data Lake. It has the capability of central logging mechanism using STORM and KAFKA, Also provides data lineage using Apache Atlas.

**Role:**

Worked as a Developer, part of the team involved with development of spark based framework.

**Responsibilities:**

* *Involved in the requirement analysis phase.*
* *Created/executed/debugged jobs through configuring the Framework*
* *Developed spark program to validate the input feed files as per business.*
* *In depth knowledge on hive data modelling.*
* *Developed Oozie workflow for scheduling and orchestrating the ETL process.*
* *Handling streaming data using Apache Kafka and Storm.*
* *Indexing streaming/Batch data to Solr using storm/Mapreduce.*
* *Developed Falcon script to pipeline the oozie workflows.*
* *Developed Spark program to publish the logs and exceptions to KAFKA topic.*
* *Documented design documents, use cases and testing reports*

1. **Client: T-Mobile US**

**Period**: Dec ’14-Mar ‘16

**Domain**: Telecom

**Team Size:** 15

**Project Details:**

Data Movement Framework is an ETL Framework Tool which also includes metadata handler for its data. It is a solution to ingest data from multiple data sources, internal and external, in varied formats to a common data landing zone called the Data Lake that can subsequently host, process and publish the data to different consuming applications.

**Role:**

Worked as Hadoop Developer, part of Core team involved with development of java and Hadoop based components for ETL framework.

**Responsibilities:**

* *Involved in the requirement analysis phase.*
* *Involved in development and enhancement of web based ETL Framework and its metadata handler.*
* *Created/executed/debugged jobs through configuring the Framework.*
* *Extracted the data from* ***SQLServer, Oracle, Hana, Teradata*** *into HDFS using* ***Sqoop*** *in* ***batch mode,query mode and incremental load.***
* *Worked with* ***structured data of up to 30 TB****.*
* *Involved in writing* ***Pig scripts to transform raw data*** *from several data sources into forming baseline data.*
* *Developed* ***Hivescripts*** *for end user / analyst requirements to perform ad hoc analysis.*
* *Developed* ***HBase*** *tables for storing Meta data to be used by other Hadoop/application specific elements.*
* *Developed* ***Oozie*** *workflow for scheduling and orchestrating the ETL process*
* *Developed HTML/CSS pages with* ***Bootstrap*** *for application UI.*
* *Documented design documents, use cases and testing reports.*
* *Assisted the production support and ingestion team on timely basis.*

**Education**

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| --- | --- | --- | --- | --- |
| **Degree** | **Discipline** | **Institute** | **Passing year** | **Percentage/CGPA** |
| BTech | ECE | COLLEGE OF ENGINEERING,BHUBANESWAR | 2013 | 75 |
| Intermediate | Science | MCNL,ODISHA | 2009 | 68 |
| Secondary | NA | NGHS,ODISHA | 2007 | 82 |

**Personal Dossier**

Date of Birth : May 8, 1992

Permanent Address: S-2/142,NILADRI VIHAR,BHUBANESWAR,PIN-751021

Languages Known : Odia English and Hindi