**RESUME**

**KRISHNENDU MANDAL**

CORRESPONDENCE ADDRESS: -

House No 10,1319,

BTM Second stage,

14th Main,

Near Udupi signal,

Bengaluru-560076

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| **E-mail:** krshmndl792@gmail.com | **Mobile:** 9036595575 |

**CAREER OBJECTIVE:**

To become an active part of an organization & to enhance its growth by acquiring knowledge & new technologies through hard work and intelligence.

**EDUCATIONAL QUALIFICATION:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** | **University** | **College** | **Year** | **Percentage** |
| B.E.  ELECTRONICS AND COMMUNICATION | WBUT | BENGAL COLLEGE OF ENGINEERING AND TECHNOLOGY,  DURGAPUR | 2014 | 73 |
| HIGHER SECONDARY SCHOOL EXAM | C.B.S.E. | DELHI PUBLIC SCHOOL ,DHANBAD | 2010 | 70.2 |
| SECONDARY SCHOOL EXAM | C.B.S.E. | DELHI PUBLIC SCHOOL ,DHANBAD | 2008 | 79 |

**SKILL SET:**

* Datawarehouse Tools
* SQL Server
* Super Putty
* Hive
* HDFS
* ESP Scheduler
* Python
* Cassandra
* Spark
* Sqoop
* HUE

**Professional Experience:**

Currently working as Bigdata Developer with Mu Sigma from January Till Date.

Former employee with Accenture from Dec 2014 to Dec 2018.

**Career Snapshot:**

**PROJECT DETAILS:**

PROJECT NAME : **Walmart**

**WORK HISTORY:**

* Writing Hive Table scripts for creating Hive External Tables based on design provided by Data modelling Team.
* Identifying the data files for corresponding Hive Tables from different sources, move to Linux environment of Hadoop Cluster using HDFS command
* Designed re-useable Hive queries to be used by peers.
* Retrieval of data from Hive tables and performed analytical operations using Spark sessions.
* Identifying Partition key and Cluster key for Cassandra Target Table.
* Identify the keys and relation between Tables and row count for volumetric analysis.
* Performed analytical calculations on Hive Tables and loading the aggregated data to PDW and Cassandra Tables.
* Performed analytical operations on Subject area corresponding to Retail Industry and load the final data to Hive partition Tables.
* Involved in design of Flat file Framework which pulls file from window and Linux path to HDFS and load the corresponding data to subject area Tables.
* Worked on HUE for querying Tables.

PROJECT NAME : **QBE**

**WORK HISTORY:**

* Created and worked Sqoop jobs with incremental load to populate Hive External tables.
* Extracted data from MySQL into HDFS using Sqoop.
* Developed Hive scripts for end user / analyst requirements to perform adhoc analysis.
* Very good understanding of partitions and Bucketing concepts in Hive and designed both External and Managed tables in Hive to optimize performance.
* Deployed and scheduled the tested Sqoop, Hive jobs using Crontab.
* Created DDL scripts based on Metadata document provided by data Model Team.
* Designed ER diagrams and Logical relationship between target table for Reporting purpose.

PROJECT NAME : **RSA**

**WORK HISTORY:**

* Knowledge in **Data Warehousing Business Intelligence** concepts with emphasis on ETL and full Life Cycle Development including requirement analysis, design, development, testing and implementation
* Experience in writing UNIX Shell scripts for various purposes like file validation, automation of ETL process and job scheduling using Crontab and ESP Scheduler.
* Designed **Parallel jobs** using various stages like **join**, **merge**, **lookup**, **remove duplicates**, **filter**, **dataset**, **aggregator, Transformer**
* Proven track record in troubleshooting of **Data Stage Jobs** and addressing production issues such as **performance tuning** and enhancement
* Migrated Legacy source system where BCP queries were segregated and implemented to Data Stage parallel jobs to tune the performance.
* Designed ETL jobs to pick data from DB2 servers and sequential source files to load SQL servers using RCP technique.
* Designed ETL jobs using ABC framework where Data Dumps were performed, and History records were maintained for auditing in future.
* Worked on converting .net application to ETL jobs where data was outsourced from oracle database and to SQL servers using various ETL transformation stages in order to maintain data integrity. As the jobs had to run 24\*7 subroutines were implemented which monitored the jobs and send out report stats in case of any failures.
* Converted SQL server Stored Procedures to Data Stage jobs using IBM Data Stage 11.5. SQL queries used in the store procedures were modified to improve code efficiency.

**REWARDS AND RECOGNITION:**

* Received **Rising Star** award
* Received **catalyst** award from Client
* Recognised from Client for optimizing and reducing the Incident count

**STRENGTH:**

Young ambitious, hardworking with interest in acquiring knowledge and confident to lead any kind of assignment with special interest.

**PERSONAL DETAILS:**

DATE OF BIRTH : 07/05/1992

GENDER : Male

LANGUAGES KNOWN : English, Hindi, Bengali

FATHER’S NAME : Narendra Mandal

MOTHER’S NAME : Mamata Mandal

**DECLARATION:**

I hereby declare that all the information furnished above is true to the best of my knowledge and belief.

**DATE:**

**PLACE: KRISHNENDU MANDAL**