

# RAM KISHOR TAK

## CAREER OBJECTIVE

To learn, grow, share knowledge and contribute to the growth of the organization that provides stimulating environment of advancement opportunity.

## WORK EXPERIENCE

### ► CELEBAL TECHNOLOGIES, JAIPUR, RAJASTHAN, INDIA

*Big Data Engineer*

*May, 2016 - present*

## WORK DETAILS

- 2+ years of experience using Talend Data Fabric (6.1, 6.2) / Talend MDM (6.1/6.2) and 1+ year of experience with Talend Admin Console (TAC).
- Extensively used ETL methodology for performing Data Profiling, Data Cleaning, Data Migration, Extraction, Transformation and Loading using Talend and designed data conversions from wide variety of source systems.
- Extensively created mappings in TALEND using tMap, tJoin, tReplicate, tConvertType, tFilterRow, tUniqRow, tUnite, tAggregate, tSortRow, tLogCatcher, tRowGenerator, tNormalize, tDenormalize, tSetGlobalVar, tAggregateRow, tWarn, tLogCatcher, tLogRow, tFilter, tXMLMap, tRunJob and many more.
- Extensive experience in using Talend features such as context variables, triggers, Survivorship, connectors for Database and flat files like tMDMConnection, tMDMInput, tMDMOutput, tMDMDelete, tMySQLConnection, tMSSqlInput, tMSSqlOutput, tMSMQLCommit, tFileCopy, tDeleteFile, tFileInputDelimited, tFileExists, tRuleSurvivorship, tSystem. Developed Talend Jobs to schedule Validation Process.
- Experienced in using data matching components like tRecordmatching, tFuzzyMatch, tMatchGroup, tFuzzyUniqRow. Integrated human interaction for duplicate record resolution by creating Data Stewardship tasks by using tStewardshipTaskInput, tStewardshipTaskOutput, tStewardshipTaskDelete components.
- Used SQL queries and other data analysis methods, as well as Talend Enterprise Data Quality Platform for profiling and comparison of data, which will be used to make decisions regarding how to make matching rules and then perform data de-duplication, data cleaning and data standardization.
- Hands on Experienced with SAP Sybase Analytics products (SAP IQ, SAP Adaptive Server, Replication Server, SAP Data Services), Big Data frameworks (Hadoop, Cloudera CDH, Spark, Mesos, Hive, Impala) and Visualisation tools (Microsoft Power BI, Tableau, Qlikview, SAP BI, Zeppelin). Well-versed in programming language Python and query language SQL.

## PROJECTS

### ► Master Data Management and Data Visualization for Clinical Trials

- **OBJECTIVE:** Perform ETL and Master Clinical Studies Using Talend Data Fabric.
- **CLIENT:** Bioclinica
- **DURATION:** 16th June, 2016 to 1st April, 2017
- **RESPONSIBILITY:** Development.
- **DETAILS:** Analyzed, designed and implemented solutions based on technical requirements using Talend Tools. Developed ETL Jobs using **Talend Data Fabric** and **Python scripts**. **Mastered** source data using **Talend MDM**. Monitored **performance** and advised any necessary infrastructure changes. **Data modeling, Data Cleaning, Data Profiling, Database Optimization**, understanding and implementation of schemas and the ability to interpret and write **complex SQL queries**. **Visualization** of MDM Data on **Microsoft Power BI** and **Kibana** and performed full text search on **Elasticsearch**.

- **Analyze Health Care data using Talend Jobs and Data Visualization on Microsoft Power BI**
  - **OBJECTIVE:** Work on Master Data Management tool **Talend MDM** and Data Visualization Tool **Microsoft Power BI Cloud**).
  - **DURATION:** 19th Feb, 2016 to 6th May, 2016
  - **RESPONSIBILITY:** Development.
  - **DETAILS:** Mastered source data and Developed **ETL Jobs** on Mastered data using **Talend MDM**, Installed and Setup **Microsoft Power BI** desktop and gateway, Created reports on Mastered data and published on Power BI cloud.
- **Enterprise Data Warehousing for Railway Analytics.**
  - **OBJECTIVE:** Installing, Configuring, Monitoring **SAP Sybase IQ 16.0**.
  - **CLIENT:** **Centre for Railway Information Systems (CRIS)**
  - **DURATION:** 6th September, 2017 to 29th September 2017
  - **RESPONSIBILITY:** Individual.
  - **DETAILS:** Configured raw devices on rhel 7, Created and set up 2 node SAP Sybase IQ **Multiplex cluster** which can store more than **20 TBs** of data and support real time query operations. Built databases and monitoring performance of the databases.
- **Enterprise Data Warehousing for Reporting Applications.**
  - **OBJECTIVE:** Installing, Configuring, Monitoring Sybase tools like **Sybase IQ 16.0**, **Sybase Replication server 15.7**, **Sybase Adaptive Server Enterprise 16.0**, **SAP Powerdesigner**, **SAP Data services tools**.
  - **CLIENT:** **Department of Information and Technology, Rajasthan Government**
  - **DURATION:** 6th July, 2017 to 4th September, 2017
  - **RESPONSIBILITY:** Development.
  - **DETAILS:** Installed and configured SAP IQ 16.0 and SAP Replication Server, **Replicated data from oracle to SAP IQ in real time using RS**, Created **ETL Jobs** to clean oracle data and remove **data duplicity** from Oracle data and inserted it into to SAP IQ.

## TECHNICAL SKILLS

- **LANGUAGES:** PYTHON.
- **FRAMEWORKS:** SAP Sybase IQ, SAP Replication Server, SAP Adaptive Server Enterprise, Elastic-Search, Kibana, Microsoft Power BI, Talend Data Fabric, Talend MDM, Apache Hadoop V.1, V.2, Apache Spark, Apache Mesos, Hive, Pig, Oozie, Sqoop.
- **PLATFORMS:** Amazon Web Services (EC2, S3, VPC, CloudFront, IAM, EFS, SNS, SES), Cloudera (CDH V.5.X), Power BI Cloud, Google Cloud Platform, Microsoft Azure.
- **TOOLS:** Talend open studio, Microsoft PowerBI Desktop, Openstack (Havana), Maven, Putty, Tableau, SAP Power Designer, SAP BW, Microsoft SSMS, SVN tortoise.

## ACADEMIC DETAILS

- **SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, JAIPUR (RTU KOTA)**  
*B.Tech in Computer Science* *July, 2012 - May, 2016*
- **Hind Public Sr. Sec. School, Nagaur (RBSE)**  
*XII class* *2011*

## PERSONAL INFORMATION

Father's Name: Hari Shankar Tak  
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