

# M Dinesh Kumar Reddy

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## Experience Summary

- 6+ years of I.T experience with 3.5 years of Hadoop development 1 year Hadoop operations and 1.5 year of Selenium automation in Retail and Telecom domain
- Hands on Experience in Hadoop, Tableau and Selenium.
- Developed data ingestion process to create data lake in HDFS to create single source of truth(SSOT) and aggregation layer for data visualization and data science
- Developed data processing using Hadoop, Spark, Sqoop, Oozie and Hive.
- Import data from MySQL and various source systems to HDFS, using Sqoop and sftp process.
- Regular performance tuning of Hive and impala queries to improve data processing and retrieval timeline.
- Developed data extraction framework to extract CDR (Call Data Record) for Celcom Malaysia Enforcement Liaison team which reduce 80% of manual effort in extraction and report generation using tableau.
- Performed data visualizations and report for Business Intelligence team using Tableau
- Proficient in ETL process, Dimensional data modelling, Business Intelligence and SQL.
- Experience in Software automation testing using selenium TestNG Framework for Staples Ecommerce websites
- Implemented Product Content management process using STIBO Step tool for staples merchandising
- Efficient in end-to-end development of software products from requirement analysis to system study, designing, coding testing, debugging, documentation and implementation.
- Excellent analytical, interpersonal and problem solving skills.

## Education

Degree and Date	Institute	Major and Specialization
BTech , 2014	Gitam University, Visakhapatnam, Andhra Pradesh	Computer Science and Engineering

## Technology Skills

Areas	Tools & Technology
<b>Hadoop Ecosystems</b>	Map Reduce, HDFS, Sqoop, Hive, Oozie, Spark, Impala
<b>Operating Systems</b>	Windows, Linux
<b>Databases</b>	Hive, MySQL, SQL server, DB2
<b>Languages</b>	Java, C/C++,Scala, Shell Script, SQL
<b>Tools</b>	Tableau, Stibo STEP,AS400,Selenium

## Professional Experience

<b>Project Name:</b>	<b>DSAA – Data Science and Advanced Analytics</b>
<b>Company and Location</b>	<b>Tata Consultancy Service ,Hyderabad</b>
<b>Client and Location</b>	<b>Celcom Axiata Berhad , Malaysia</b>
<b>Duration:</b>	01-Jun-2016 to Till Date
<b>Job Description</b>	<p>This project Meant for Providing End2End Solution for Celcom using Advanced Analytics in the domain of Big Data. Which consists of 4 phases.</p> <p>Phase-1: Build data lake from various source systems of Celcom, From Data Lake derive the entities which will be SSOT Single Source of Truth], Applying various Transformation's on SSOT prepare Aggregation layer.</p> <p>Phase-2: From the Aggregation layer with respect to business analysts Analysis generating reports to the end user</p> <p>Phase-3: Considering data from SOR Layer [Data Lake] build Analytical Use cases using R.</p> <p>Phase-4:Performaing Operations and Support for DSAA project</p>
<b>Role:</b>	Developer
<b>Responsibilities:</b>	<ul style="list-style-type: none"> <li>• Understand the Requirements and Functionality of the application from specifications.</li> <li>• Developed, tested and maintained Data lake in 46 node HDFS Cluster and processing 4 TB Data in day to day operations</li> <li>• Developed data ingestion framework to create data lake in HDFS using Sqoop and Sftp process.</li> <li>• Created SSOT (Single Source of Truth) and Agregation layer using Spark,Hive and Impala</li> <li>• Scheduled the Sparkjobs using Oozie for data refresh</li> <li>• Developed SCD 1 and SCD 2 logics to overcome the challenges for transactional data refresh in hive</li> <li>• Developed Aggregation layer for various businessuse case to deal with business intellegance example:Subscriber,Reveue,Usage approximately</li> <li>• Developed Data extraction frame work to extract CDR (Call Data Record) for Celcom Malaysia Enforcement Liaison team which is dealing with Malaysia Government Enforcement department.</li> <li>• Created and tested Business intelligence reports using Tableau</li> <li>• Had expousre with Advance analysis Actions, Calculations,Filters, Parameters, Background images, Maps, and table calculations in Tableau</li> <li>• Learning Dashboard design and passionate practitioner of effective data visualization.</li> </ul>
<b>Environment:</b>	Hadoop Ecosystem(HDFS, Spark, Hive, Sqoop, Oozie, Impala),Tableau, Linux, Shell Script

<b>Project Name:</b>	<b>Staples Ecommerce Automation</b>
<b>Company and Location</b>	<b>Tata Consultancy Service ,Hyderabad</b>
<b>Client and Location</b>	<b>Staples Inc. , Framingham</b>
<b>Duration:</b>	23 Jun-2014 to 01 Jan-2016
<b>Job Description</b>	<p>This project meant for Providing automation framework for Staples Ecommerce websites and Campaign publishing, The implementation is in 2 phases.</p> <p>Phase 1:Creating Product Content in database using STIBO Step tool and Publishing Product SKUs to Websites</p> <p>Phase 2:Designing Automation Framework using Selenium to perform Regression test analysis before deploying in production</p>
<b>Role:</b>	Automation Test Engineer
<b>Responsibilities:</b>	<ul style="list-style-type: none"> <li>• Understand the Requirements and Functionality of the application from specifications.</li> <li>• Developed, tested Automation Framework using selenium webdriver and TestNG</li> <li>• Developed Automation test Suite for A/B Campaigns to make regression test analysis</li> <li>• Automated Testing reports and distributing to business team using shell script</li> <li>• Used STEP (STIBO) application to organize product data from vendor application for multiple layers of review and routing of data.</li> <li>• Used Cosmos I series for storage of data in flat file format.</li> <li>• Used spring batch as an interface for the data transfer from step application to cosmos I series mainframe application.</li> <li>• Used JavaScript and java for data management and routing rules</li> <li>• Automated STIBO Step User portal for regression analysis</li> </ul>
<b>Environment:</b>	Linux, Windows, Selenium, STIBO Step, AS400 and Winscp

## Personal Details:

<b>Date of Birth</b>	01-May-1992
<b>Nationality</b>	Indian
<b>Hobbies</b>	Reading books, Watching Movies, Cooking, Yoga and Fitness.
<b>Interests</b>	Politics and International affairs, Travelling, Ancient History, E Learning.