

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

Professional Experience

Project Name:	DSAA – Data Science and Advanced Analytics
Company and Location	Tata Consultancy Service ,Hyderabad
Client and Location	Celcom Axiata Berhad , Malaysia
Duration:	01-Jun-2016 to Till Date
Job Description	<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>
Role:	Developer
Responsibilities:	<ul style="list-style-type: none"> Understand the Requirements and Functionality of the application from specifications. Developed, tested and maintained Data lake in 46 node HDFS Cluster and processing 4 TB Data in day to day operations Developed data ingestion framework to create data lake in HDFS using Sqoop and Sftp process. Created SSOT (Single Source of Truth) and Agregation layer using Spark,Hive and Impala Scheduled the Sparkjobs using Oozie for data refresh Developed SCD 1 and SCD 2 logics to overcome the challenges for transactional data refresh in hive Developed Aggregation layer for various businessuse case to deal with business intellegance example:Subscriber,Reveue,Usage approximately 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. Created and tested Business intelligence reports using Tableau Had expousre with Advance analysis Actions, Calculations,Filters, Parameters, Background images, Maps, and table calculations in Tableau Learning Dashboard design and passionate practitioner of effective data visualization.
Environment:	Hadoop Ecosystem(HDFS, Spark, Hive, Sqoop, Oozie, Impala),Tableau, Linux, Shell Script

Project Name:	Staples Ecommerce Automation
Company and Location	Tata Consultancy Service ,Hyderabad
Client and Location	Staples Inc. , Framingham
Duration:	23 Jun-2014 to 01 Jan-2016
Job Description	<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>
Role:	Automation Test Engineer
Responsibilities:	<ul style="list-style-type: none"> • Understand the Requirements and Functionality of the application from specifications. • Developed, tested Automation Framework using selenium webdriver and TestNG • Developed Automation test Suite for A/B Campaigns to make regression test analysis • Automated Testing reports and distributing to business team using shell script • Used STEP (STIBO) application to organize product data from vendor application for multiple layers of review and routing of data. • Used Cosmos I series for storage of data in flat file format. • Used spring batch as an interface for the data transfer from step application to cosmos I series mainframe application. • Used JavaScript and java for data management and routing rules • Automated STIBO Step User portal for regression analysis
Environment:	Linux, Windows, Selenium, STIBO Step, AS400 and Winscp

Personal Details:

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