



# Ganesh Godduvelagala

## Hadoop Developer / System Engineer

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Certified Spark & Hadoop developer with 3 years of experience in dealing large volume of data, comprising loading from multiple sources to HDFS, effective storing, complex processing using various Hadoop frameworks and provide processed data to different environments.

## WORK EXPERIENCE

### System Engineer

Tata consultancy services (TCS)

09/2017 – Present

Chennai, India.

#### Achievements/Tasks

- Involved in code migration from Impala to Spark-SQL and Spark-core which process raw data and store processed data back to Amazon S3.
- Received appreciation from customer for successful completion of moving code to spark platform and cloud environment.
- Developed and deployed new jobs, made code changes to existing jobs that are required while migrating project to cloud environment.
- Worked with admin team to automate cluster creation using AWS and Red hat ansible tower and tibco. Involved in migration of existing project to cloud AWS environment (50% overall cost cutting).
- Stored data in different file formats, compression codecs in HDFS for effective storing and reduce I/O usage while reading from HDFS.

Contact: Mozhiarasi J – +91 89391 47038

### Assistant System Engineer

Tata consultancy services (TCS)

09/2015 – 09/2017

Chennai, India

#### Achievements/Tasks

- Developed Map-Reduce programs to parse the data from multiple compressed / non-compressed file formats, populates staging tables and store the refined data in partitioned Hive/Impala tables.
- Solved performance issues in hive, impala with understanding of joins, grouping / aggregation and run time implementation of hive and impala (30% reduction in total time).
- Worked in complete Software Development Life Cycle (plan, design, develop, deploy and support) adhering Agile Methodologies.
- Developed user defined functions (UDF) in Java when necessary to use in Pig and Hive queries.
- Involved in importing data from SQL Server, oracle, csv and text from local/external file system to HDFS using different techniques on regular basis into hive tables, which are partitioned , vice versa.

Contact: Rajkumar Vairusamy – +91 98650 91165 / +1 (908) 947-8312

## EDUCATION

### Bachelor of Technology (Computer science & Engineering)

N.B.K.R Institute of Science and Technology, Vidyanagar

2011 – 2015

Percentage : 73.28%

### Intermediate

Sri Chaitanya Sai Bharathi junior college,Vijayawada

2009 – 2011

Percentage : 88.4%

### SSC

A.P.Residential School, Lepakshi

2008 – 2009

Percentage : 91.16%

## SKILLS

Spark - Scala

Map-Reduce / HDFS

Scala

Java

Oozie

Impala

Apache Pig

Flume

Sqoop

Shell / Bash

HQL & SQL

## PROFESSIONAL SUMMARY

- In-depth knowledge of Hadoop, Spark architectures and various components such as HDFS, Resource Manager, Application Master, Node Manager, Name Node, Data Node and Map-Reduce concepts, Executor, Driver, Cluster Manager.

- Extensive knowledge in developing polyglot applications using Java, Scala, Shell Scripting, SQL, and knowledge in reviewing and analyzing Hadoop log files.

- Very good exposure in designing both time driven and data driven automated workflows using Oozie and monitoring tools like Oozie and Zookeeper.

- Good exposure to monitor, maintain / manage amazon EC2 Cloudera Distribution of Hadoop clusters using Cloudera Manager

- Excellent technical, communication, analytical, trouble-shooting capabilities, problem solving skills and ability to get on well with people including cross-cultural backgrounds.

- Good knowledge of version Controlling Systems like Apache Subversion and Git (Bitbucket / GitHub), and Jenkins for better control over building projects.

- Good working knowledge of IDEs like Eclipse, IntelliJ and used Maven, SBT build tools to achieve more functionality for build process.

## CERTIFICATES

CCA175 Spark and Hadoop Developer  
(08/2018 – 08/2020)

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