**GANESH G**

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**Professional Summary**

Professional Hadoop developer with 3 years of experience and strong background in loading large volume of data from various sources to HDFS, processing, transforming and provide data to various environments. Involved in understanding complex processing needs of big data, developing code and modules to address different needs.

**Skills**

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| * Apache Spark - Scala * Apache Impala * Apache Map Reduce * Apache Oozie * Apache Sqoop | * SQL & Hive QL * Apache Flume * Apache Pig * Shell / Bash * Java / Scala |

**Project**

**Digital Ad-Ratings (DAR):** Sep 2015 – Sep 2017

Nielsen – Digital Ad Ratings provides a new and highly accurate method for identifying and measuring the audiences exposed to online ad campaigns and enables measurement of any ad campaign, large or small, national or local, on any website. This approach leverages actual user demographics from leading online data providers to attach demos to larger portions of campaign impressions.

**Certification**

**CCA Spark and Hadoop Developer (CCA175):** 23 Aug 2017 – 23 Aug 2020

License: 100-021-092

Certificate authority: Cloudera Inc.

**Work History**

**System Engineer:** Sep 2017 - Current

Tata Consultancy Services Siruseri, Chennai, TN.

Contact: Mozhiarasi J – +91 89391 47038

* 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).
* Developed and deployed new jobs that are required for cloud environment to support existing project, code changes to make existing job suitable for cloud environment.
* Involved in creation of generic Map-Reduce module, which handles multi file formats in loading , decompress , validating, and transform data which suites for (non)partitioned tables.
* Received appreciation from customer for successful completion of moving code to spark platform and cloud environment.
* Gained experience on Hadoop clusters using Cloudera Hadoop Distributions, very good experience in monitoring and managing Hadoop cluster using Cloudera Manager.
* Gained experience in analyzing data using Hive QL, Pig Latin, Impala and custom Map Reduce programs in Java. Experience in managing and reviewing Hadoop log files.

**Assistant System Engineer:** Sep 2015 - Sep 2017

Tata Consultancy Services Siruseri, Chennai, TN.

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

* Worked in complete Software Development Life Cycle (analysis, design, development, testing, implementation and support) adhering Agile Methodologies.
* Developed UDF's 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.
* Solved performance issues in Hive, impala with understanding of joins, Groups, and aggregation, run time implementation of hive and impala (30% reduction in total time).
* Involved in code migration from Impala to Spark-SQL and Spark core.
* Gained good knowledge of Hadoop Architecture and various components such as HDFS, Resource Manager, Application Master, Name Node, Data Node and Map Reduce concepts.
* Gained experience in designing both time driven and data driven automated workflow using Oozie and monitoring tools like Oozie and Zookeeper.

**Education**

**Bachelor of Technology**: **73.28% (Computer Science)** 2015

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

**Intermediate**: **88.4% (Mathematics, Physics , Chemistry)** 2011

Sri Chaitanya Sai Bharathi junior college Vijayawada

**SSC**: **91.16%** 2009

A.P.Residential School Lepakshi, Anantapur