

Vigneshwaran K
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Experience Summary

Nearly one and half years of IT industry experience in which trained in Hadoop / Big Data ecosystem components. Training done in data warehousing platforms like Hadoop, Hive, Map Reduce, Sqoop, Pig and knowledge on HBase.

Ambitious and dynamic professional accented with the latest trends and technologies with a wide range of skill sets as well as strengths in technology, critical thinking, troubleshooting, problem analysis and training and development.

Good communicator who can fluently speak the language of both people and technology, blending technical expertise with interpersonal skills while interacting with the cross-functional teams, customers and clients.

Education and Certifications

Title of the Degree with Branch	College/University	Year of Passing
B.E Mechanical Engineering	St. Joseph's College of Engineering	2016

Technical Skills

Hardware / Platforms	Windows 2008/XP/Vista/Windows 7
Programming Languages	MySQL, Java
Ecosystem Components	HDFS, Map Reduce, Hive, Pig, Sqoop, Spark.

Contact Details

Mobile No. : 9940933589

Vnet : NIL

Relevant Project Experience

Project #1

EMPLOYER: COGNIZANT**AUGUST 2016 – FEBRUARY 2017**

Title Prudential
Tools Used Hadoop, HDFS, Spark, Scala, and Hive.
Team Size 5

PROJECT DESCRIPTION

In the initial stage of project was asked to learn PySpark. After when the team was formed we underwent KT's regarding AWS and got training of basics of Spark-Scala. However, due to some reasons the project was dropped in its initial stage. So there was no real time work done in the project phase.

POC #1

EMPLOYER: COGNIZANT**MARCH 2017**

Title State-Wise Development Analysis in India
Tools Used Hadoop (Map Reduce), HDFS, Pig, Sqoop.
Team Size 1

PROJECT OBJECTIVE

Purpose

- Find out the districts who achieved 100 percent objective in BPL cards Export the results to MySQL using Sqoop
- Write a Pig UDF to filter the districts that have reached 80% of objectives of BPL cards. Export the results to MySQL using Sqoop.

PROJECT REQUIREMENT

- ❖ The FLUME job which will format the data and place the data to HDFS
- ❖ Pig/MapReduce job for parsing the XML data.
- ❖ Create Pig scripts/MapReduce jobs to analyze the data
- ❖ Create the Sqoop job to store the data in database
- ❖ Priority Definitions - The following definitions are intended as a guideline to prioritize requirements.
 - Priority 1 – Create FLUME job for fetching log files from spool directory the data.
 - Priority 2 – MapReduce/pig job to preprocess.

ROLES AND RESPONSIBILITIES

- Used flume script to import the dataset into the workspace.
- Developed Pig script to process the data in Hadoop with the help of Mapreduce program for analytical purpose
- Developed sqoop script to export the dataset for different sources to Pig.
- Created architecture document about project flow and was involved in production implementation and its corresponding monitoring and validations.