

# M RAVI SANKAR

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## Professional Summary

**4.5 years** of overall IT experience coupled with **2.5 years** of **Big Data Technologies** experience.

Exposure in design and development of solutions for Big Data using the Hadoop eco system technologies (**HDFS, Sqoop, Hive, Apache Spark**).

Developed Spark Applications using spark tools like **Spark-Core and Spark-Sql**. Having hands-on experience on **complex data processing**.

Extensively worked on Spark using Scala (**Scala-Spark**) and Spark using Python (**Pyspark**).

Capable of processing large sets of **Structured, Semi-structured data**. Experience on **Joins** and **Aggregate functions** on Data frames.

Handled multiple reads and writes involving **S3 buckets**.

Loaded and transformed large sets of semi structured data like **JSON, Avro, Parquet, XML, ORC**.

Involved in creating **Hive tables**, data loading and writing **hive queries**.

- Currently Working as Hadoop Developer for **Mind Tree**.

## Skills

- **HADOOP**
  - **SQOOP**
  - **HIVE**
  - **SCALA-SPARK**
  - **PYSPARK**
  - **MYSQL**
  - **AWS**
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## **Work History**

### **Project 1:**

Project Title	NextGen
Period	09/2020 to Till Date
Technical Stack	Hadoop, Sqoop, Hive, Oozie, Spark/Scala.

#### **Education:**

M.Tech from JNTU-A in 2014 with 73%.

#### ***Project Description:***

NextGen is one of the biggest health care client in US.

This project is all about converting different input structure of data into a common structure and then storing it into HDFS to perform data analytics on top of it.

#### ***Roles and Responsibilities:***

- Involved in technical design approaches.
- Performance optimization based on Scala spark.
- Responsible for Master data management using Scala spark.
- Responsible for running spark jobs with huge volumes of data.
- Writing test cases for Spark.

### **Project 2:**

Project Title	Web Analytics
Period	08/2018 to 06/2020
Technical Stack	MS-Office, MySQL

#### ***Project Description :***

In a banking website, identify the stage up to which a customer has reached in a particular funnel (like new account opening, loan application). This can be used to draw conclusions like how many customers are qualifying for the eligibility stage, proceeding till the last stage and completing the process. Based upon this, the client can also decide whether to campaign for the customer about certain plans or policies on the related schemes which were browsed by him/her.

#### ***Roles and Responsibilities:***

- Find the most influential features among all features.
- Find the similarity measures between reached customers and dropped at middle stages using correlation, cosine similarity etc.
- Summarize statistics about web pages using D3.