



# potnuru saikumar

Bigdata engineer

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## SUMMARY

Experienced Software Engineer with a demonstrated history of working in the information technology and services industry. Skilled in **Hadoop, hive, Spark, Scala, sqoop, BigData, and MYSQL** Strong engineering professional with a High school focus in Computer Science from sathyabama university

## TOOLS & TECHNOLOGIES

- Java
- My SQL
- Hadoop
- Map Reduce
- Hive
- Sqoop
- Spark core & Spark SQL
- Scala
- Amazon web services (Beginner)
- shell scripting
- C language
- C ++
- Apache AirFlow

## EDUCATIONAL BACKGROUND

Sathyabama University  
Chennai  
Bachelor of engineering ,  
Computer science engineering  
2019  
Graduated with **FIRST CLASS**

## ACHIVEMENTS

- **Spot Award** For the month of MAR 2022 in Virtusa
- **Stellar Award** for the Q4 FY22 in Virtusa

## PROJECT

**Organization :** Virtusa

**Client Name:** Anthem (Insurance Company)

**Project Name:** CLINICAL DATA INTEGRATION (CDI)  
AUG 2019 - present

The Clinical Data Integrated Platform is to build an enterprise-wide clinical data acquisition and integration function that will strengthen Anthem's ability to deliver services to its members and develop emerging commercialization opportunities through the use of integrated structured and unstructured data sources

## ROLES AND RESPONSIBILITIES

- 3 years of experience in Information Technology.
- Implementing advanced concepts in hive queries like **partitioning, bucketing** and **hive** analytic functions and user-defined functions (UDF)
- Used **sqoop** to import data from RDMS to **Hadoop**
- Handled structured and semi-structured (**JSON**, and **XML**) data coming from different source systems and processed using **Spark** framework.
- Good at optimizing the spark applications using spark web UI
- Strong Analytical and programming skills to develop effective complex business solutions using **Big Data** technology.
- Exposed to Spark **Data Frames** and **Datasets** and good at writing UDFs in **spark** using **scala**.
- Good hands-on experience in writing complex HIVE queries
- Used Spark API over **Hortonworks** Hadoop **YARN** to perform analytics on data in Hive.
- Strong Database **SQL**, **ETL** and Data Analysis Skills.

## STRENGTH'S

- *Efficient time management skills.*
- *Eager to explore new concepts or technologies.*
- *A good team player.*
- *Relentless vision & desire to succeed.*
- *Positive attitude towards work.*
- *Result-orientation and long-term commitment.*