**SAI SRI VATSAVA GUNTUPALLI**

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**SUMMARY**

Software engineer with computer science background and having 2+ years of experience. Currently working as a bigdata engineer and passionate about machine learning and full stack development.

**Skill Set**

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| --- | --- |
| **Big Data**   * Apache Hadoop * Apache Spark * Apache Hive * Apache Sqoop   **Programming Languages**   * Scala * Python * Java | **Machine Learning**   * Pandas * Numpy * Scikit-learn * Supervised Learning Models   **Web Technologies**   * Node.js * Flask * HTML & CSS |

**Work History**

Software Engineer | Tavant Technologies, Bengaluru, KA. 04/2017 – current.

Project Trainee | Tavant Technologies, Bengaluru, KA. 10/2016 - 04/2017

**Project Experience 2**

**Experian Brazil Positive Data BR Delivery,** 10-2017 – Present

**Project Brief:** Working in Banking and Financial services domain using Apache Spark, Hive, Oozie on Cloudera distribution which involves replacing the existing structured data from DB2 database to Amazon S3 as it is facing challenges to handle huge amounts of data, validating the data using Spark SQL programs, triggering the workflows using Oozie, processing the data(batch process) using Spark SQL which is used to calculate the Vantage(CIBIL) scores and exposing the required details to the clients of Experian.

**Environment:** Cloudera Distribution, HDFS, Spark, Oozie, Scala

**Role:** Validation of the structured data in Amazon S3 using Spark SQL and generating the required tables, the results of which are again stored in Amazon S3.

**Responsibilities:**

* Understanding and analysing the application requirements.
* Developing the Code as per the requirements.
* Writing Hive queries to create external tables and views.
* Writing Spark programs using Scala and Unit testing using Fun Suite.

**Project Experience 1**

**CROSSCORE INTEGRATION**, 05/2017 – 08/2017

**Project Brief:** Creating Mappers for integrating new Products with central Cross Core System.

**Environment:** Java, Docker

**Role:** Developing new Mappers and Modifying existing Mappers.

**Responsibilities:**

* Understanding and analysing the application requirements.
* Developing the Code as per the requirements.
* Unit testing the written code using JUnit.

**Education**

Graduated in Computer Science from Gudlavalleru Engineering College, Gudlavalleru, with 71.8 % in 2016.

**Personal Projects**

**Nimbus AI**

A web-based application to automate the process of selecting the best suited Machine learning Model for the given data.

**Technology Stack**

|  |  |
| --- | --- |
| * Web Framework | Flask |
| * Programming Language | Python |
| * ML Stack | Numpy, Pandas, Scikit-learn |
| * Hosting platform | Heroku |

**Hadoop7 (https://www.hadoop7.wordpress.com)**

A technical blog about Big Data Technologies with more than 10000 views.