PRASAD SARALAYA

DATA ENGINEER

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📍 Bengaluru

Big Data Engineer with specialisation in Apache Spark, HDFS, Apache Airflow and involved in building scale-able big data product.

Skills

BIG DATA TECHNOLOGIES

Spark

Airflow

Apache Solr

HBase

HDFS

PROGRAMMING LANGUAGES

Scala

Core Java

Python

R

RevoScaleR

TOOLS

Azure

AWS

Education

Manipal Institute of Technology MTech Computer Science and Engineering	**Aug. 2016 to May 2018**
SDM College of Engineering and Technology B. E. Computer Science and Engineering	**Sept. 2011 to May 2015**

Employment

TheDataTeam — **Bengaluru**, **May 2017 to Current**
Data Engineer
- Design and Development of big data product that built customer profiles and gave real time offerings to customers
- Usage of Agile software development methodology in product building
- Experience on working across different projects with usage of Apache Spark, HDFS , Apache Airflow etc.

Tata Consultancy Services — **Bengaluru**, **June 2015 to Mar. 2016**
Asst Systems Engineer
- Trained in Java domain for about 3 months with extensive hands on experience in Core Java J2EE, JSP
- Worked on BFS domain for a market risk analysis client from London

Aptean India Pvt Ltd — **Bengaluru**, **Feb. 2015 to May 2015**
Associate Engineer Trainee
- Worked as a full time intern under a product that was on ERP and SCM domain
- As a developer was involved in product enhancement and bug fixes for the product named Ross ERP
- Was involved in maintainence of a product named Ross SCM

Projects

Platform Development — **Aug. 2019 to Current**
Client : Myntra, Bengaluru
Company: TheDataTeam
- Migration of jobs from AWS to Azure and schedule the same using Azkaban
- Test the jobs performance on Azure using various parameters

Unique User Profile, Globe Telecom Phillipines — **Feb. 2019 to July 2019**
Client: Globe Telecom, Phillipines
Company: TheDataTeam
- Develop and test a scalable bigdata product that is used to build customer profile using Apache Spark and scheduled with Apache Airflow
- The Customer profile were built based on attributes that were calculated and derived based on values of other attributes
- Load the data from HDFS, process using Cloudera and then build the profile in AWS using Step function and store the same in S3
- The end users were able to access it with the help of API hit to dynamoDB

Platform Migration — **Dec. 2018 to Jan. 2019**
Client: Myntra, Bengaluru
Company: TheDataTeam
- Creation of Data pipeline on Azure using ansible scripts
- Test various components of the pipeline

Loan Originating System (LOS) — **Aug. 2018 to Dec. 2018**
Client : HDFC Bank, Mumbai
Company: TheDataTeam
- Develop an application using Microsoft ML server to find the banking score for a customer and find his eligibility for loan availment
- Setup and migrate the existing code to RevoScale R for higher scaling and faster response
- Involvement in end to end completion of project including UAT and production deployment activities

Internal Product Development — **May 2017 to May 2018**
Company: TheDataTeam
- Worked in building a Bigdata product for targeting audience to give real time and batch offers built using Apache Spark and Scala
- Involved ingestion of data from various sources and building customer profile stored in Hbase
- The audience discovery was done based on DS algorithms and offers were given
- Real-time offers were given using streaming data from Apache Kafka
- Worked on Apache Solr for indexing the data from Hbase
- Testing of the product on cloudera for its performance

Market Data Management — **Aug. 2015 to Mar. 2016**
Client: London Clearing House
Company: Tata Consultancy Services
- Was involved in production support of incoming stock market data
- Had good exposure towards Linux environment and production systems

Papers and Publication

Published an IEEE paper

Published a paper on "Biometric authentication usage for internet banking" in 2nd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT)- 2017