

Trivandrum

CIGIN K PAUL

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PROFESSIONAL SUMMARY

Big Data Research Engineer with 2 years of experience in building Hadoop based Solutions in Investment Banking and "IoT". Skilled at developing complex solutions possessing strong creative thinking, high energy and integrity.

SKILLS

- Apache Hadoop
- Map-Reduce Programming
- Cloud
- Python
- Ambari
- MySQL
- Hortonworks Development Platform
- Core Java
- Oozie
- Sqoop
- Linux Shell Scripting
- Problem Solving

WORK HISTORY

Research Software Engineer | Standout IT Solutions, Trivandrum (SEPT 2014 – Current)

- Developing Hadoop based Solution for Claim Settlement in Investment Banking, which process huge volumes of Share Market data and compute results from it.
- Achieved 400% efficiency by deploying the application in 3 node HDP cluster set on li-node Cloud Servers.
- Application coding in Java Map-Reduce.
- Data transfer from MySQL to HDFS and vice versa through SQQOP jobs.
- Designed Oozie workflow leveraging Sqoop, Java and Map-reduce actions.
- Integration of the entire hadoop application in Grails Web Application framework using Oozie REST API.
- Implemented MultipleInput and MultipleOutput map-reduce jobs for various requirements.
- Developed Custom RecordReader to handle specific data Inputs.
- Executing performance tuning as per the requirements.
- Hadoop day-to-day operations (HDFS, Map-Reduce,Sqoop, Oozie...) including operation, deployment and debugging of job issues.
- Single handedly administering and supporting HDP cluster via Command line and Apache Ambari.
- Developed Python Script for automation of several trivial and time consuming tasks.

Big Data Developer (Intern) | Trendwise Analytics, Bangalore

(JUNE 2014 – AUG 2014)

- Building logic to extract raw streaming sensor data from "Things" using Apache Flume, process it into readable format, load it into Hive, analyses it in R to produce business insight.
- Data collection and analysis of large data-sets from interconnected Sensors.
- Involved in loading data from LINUX file system to HDFS.
- Hive installation, configuration, setting up Metastore, setting up Hive Web Interface.

EDUCATIONAL QUALIFICATION

- M.Tech in Data Analytics - BITS Pilani (Work Integrated Learning Program) [pursuing]
- B.Tech in Computer Science and Engineering - Mahatma Gandhi University

ACHIEVEMENTS

- Inter School Chess Champion.
- School Leader.