

ROBERT SMITH

Hadoop / Python Developer

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SUMMARY

Extensive experience as a Web/Application Developer and coding with analytical programming using Python, Django, Flask and C++, Big Data/Hadoop technology. Expertise in HDFS, MapReduce, Hive, Pig, Sqoop, HBase and Hadoop ecosystem. Experienced on major Hadoop ecosystems projects such as Pig, Hive, HBase and monitoring them with Cloudera Manager & Hortonworks. Expertise in writing HIVE queries, Pig and MapReduce scripts and loading the huge data from local file system and HDFS to Hive.

CORE COMPETENCIES

HADOOP Ecosystem Hadoop And MapReduce, Sqoop, Hive, PIG, HBASE, YARN, HDFS

PROFESSIONAL EXPERIENCE

Hadoop / Python Developer

Hadoop - September 2015 – Present

Key Deliverables:

- Working as a Python/Hadoop developer on integration and analytics based on Hadoop, SOLRand web methods technologies.
- Developed a custom AVRO framework capable of solving small files problem in Hadoop and also extended pig and hive tools to work with it.
- Working on data using sqoop from HDFS to relational database systems and vice-versa.
- Created and maintained technical documentation for launching Hadoop clusters and for executing Hive queries and pig scripts.
- Developed Sqoop scripts to handle change data capture for processing incremental records between new arrived and existing data in RDBMS tables.
- Installed Hadoop, map reduce, HDFS, AWS and developed multiple mapreduce jobs in PIG and HIVE for data cleaning and pre-processing.
- \${job_description7}

Python Developer

ABC Corp - 2014 – 2015

Key Deliverables:

- Wrote python scripts to parse xml documents and load the data in the database.
- Used pandas api to put the data as time series and tabular format for fast timestamp data manipulation and retrieval.
- Was involved in the environment, code installation as well as the svn implementation.
- Cleaned data and processed third-party spending data into maneuverable deliverables within specific formats with excel macros and python libraries.