

# 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.