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# Example of Senior Big Data Engineer Job Description

Our company is searching for experienced candidates for the position of senior big data engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for senior big data engineer

* Help to code our second generation data warehouse on Cloudera Hadoop
* Build transactional data capabilities centered on MongoDB
* Design and develop scalable analytic solutions processing massive amounts of real-time data
* Develop complex MapReduce jobs to compute important metrics that are used daily by millions of users
* Work with others on the Big Data team to solve complex computational and analytical problems
* Work on scalability, performance and functional problems
* Design and execute with elegance and economy
* Solve end-to-end problems independently by writing requirements, designing, and implementing software
* Responsible for the design, development and maintenance of high quality code for complex production components in given production
* Look at projects holistically and understands the impact of changes end to end

## Qualifications for senior big data engineer

* Successful track record in deploying and managing large-scale distributed systems
* Expert in Linux and network configuration
* Experience in automating production systems with Python or equivalent languages
* 4+ years contributing to R&D and production deployments of large backend data processing and analysis systems
* Experience in building tools/automation in Python or equivalent
* 5+ years of software development experience in distributed systems