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# Example of Data Architect, Big Data Job Description

Our innovative and growing company is looking to fill the role of data architect, big data. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for data architect, big data

* Help improve development processes within and between teams
* Explore and gain mastery of multiple systems in order to ensure a cohesive product offering
* Explore and validate new technology platforms to solve business needs
* Code! Stay sharp, collaborate with your peers and deploy code
* Hadoop Ecosystem (map reduce, spark, hbase)
* Analytic Databases (Vertica)
* AWS Ecosystem
* Technical leadership role responsible for developing and maintaining data warehouse and Big Data roadmap ensuring Data Architecture aligns to business centric roadmap and analytics capabilities
* Establish data management and development standards for data warehouse, data integration and Big Data technologies
* Support ongoing data modeling and Integration efforts for all development and production environments including Big Data Design Patterns

## Qualifications for data architect, big data

* Knowledge and implementation of cloud based Big Data solutions
* Automated deployment scripting, Ansible, Puppet, Chef
* Experience with statistics, modeling and numerical analysis
* Knowledge of R language
* Must have experience in managing the full life-cycle of a Hadoop solution
* Advanced degree in Computer Science, Computer Engineering, IT, Operations Research, Industrial Engineering, Statistics, Mathematics, or similar technical field