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# Example of Big Data Architect Job Description

Our innovative and growing company is looking to fill the role of big data architect. 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 big data architect

* Evaluate and recommend emerging technologies and options for data integration and data management on a Hadoop Big Data platform Apache Spark framework
* Designing normalized data models for historical data warehouses
* Design and Developing with ETL tools
* Designing and developing with MOLAP/ROLAP/OLAP Tools
* Designing and developing with Relational Reporting Tools
* Designing and developing data architecture and data flow on Big Data Platforms
* Provide technical analysis
* Decompose components of the architecture for peer programming staff to develop
* Check program code/logic for accuracy and efficiency
* Prepare programs for production deployment and hand-off to operations and support staff

## Qualifications for big data architect

* BS in computer science of related field
* Should be able to articulate business/technology trends/POV in the Big Data space
* Knowledge with regards to how to optimize the design / schemas / for each of the components
* Experience with implementing and addressing operational issues scripting and monitoring in Big Data environments
* Experience in Reporting Architecture in a relational database environment
* Advanced Degree in technical discipline and/or equivalent technical experience