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# Example of Big Data Architect Job Description

Our company is looking to fill the role of big data architect. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for big data architect

* Designing and implementing data pipelines on Big Data and/or NoSQL platforms to enable rapid prototyping and accelerating the path to production
* Creating data management solutions covering data security, data privacy, metadata management, multi-tenancy and mixed workload management on Big Data and/or NoSQL platforms
* Makes decisions that have a major day to day impact onarea of responsibility
* Provide support for data warehousing initiatives and develop the data warehousing system to ensure reliability and accuracy of information loaded into the databases
* Independently design, code, and test major features, work jointly with other team members to deliver complex changes
* Provide technical leadership for our common data platform services
* Collaborate with product management and internal customers to turn functional use cases to technical specifications
* Design and implement the architecture for data patterns
* Architect and design Big Data Services in the cloud
* Develop engineering search and catalog capabilities for Big Data analytics

## Qualifications for big data architect

* 2+ years of experience in ETL design, data warehousing and Analytics
* Experience in RESTful API design and implementation
* Knowledge of Unix/Linux and shell and python programming
* Experience with monitoring tools like Nagios, Munin, Zenoss
* Experience with data design tools IBM Data Architect, Erwin, PowerDesigner
* Based platform