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# Example of Big Data Solution Architect Job Description

Our company is searching for experienced candidates for the position of big data solution 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 solution architect

* Build an on-going log of “lessons learned” for each technology area to help drive improvements in future field and/or customer engagements
* Deconstructing all environments once completed and ensuring proper restock accounting for all the components used
* Drive conceptual and logical architecture design for new initiatives
* Ability to provide technical recommendations and trade-offs to address business needs and timelines and drive to resolution
* Participate in cross-functional, cross-discipline architecture teams to enhance / set the architectural direction for key business initiatives
* Serve as a fully seasoned, technically proficient resource
* Influence, Negotiate and Lead technology alternative evaluations and implementations across the Technology and Line of Business organizations
* Guides solution architecture of small- and mid-size applications in functional areas
* Contributes to enhancements and maintenance of corporate standards, architecture and development guidelines addressing new reporting and analytical use cases, technologies, approaches
* Defines evolutionary steps of the Analytics Platform technical roadmap, drives creation of small and mid-size foundational features

## Qualifications for big data solution architect

* Data warehouse, BI and ETL tools
* Some knowledge of NoSQL databases types such as OLAP, Graph, Key Value, Object, XML, JSON, SQL, NOSQL, Tuple Store, Columnar, in-memory
* Must have exposure to developing solutions using continuous integration
* Active participation the open source communities
* Graduate degree in Computer Science, Statistics or an equivalent Engineering degree required
* 8 -10 years of working experience in normal solutions architecture big data architecture