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# Example of Data Software Engineer Job Description

Our company is growing rapidly and is hiring for a data software engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for data software engineer

* Design and development of data infrastructure to maintain the pipeline of data sources to the production environment
* Design and develop automated tools and process for end to end production deployment
* Design toolset for assessing the quality of data using statistics based validation techniques
* Maintain a pipeline of data for R&D
* Design component level unit tests for data infrastructure
* Perform integration level testing
* Providing Second Level Production Support as needed to ensure the correct functioning of the production data systems on a 24/7 basis
* Providing technical input for Software Engineers and analysts including, setting priorities, and providing Proof of Concepts, coaching, reviewing work products and the reporting of team activities
* Coordinating and mentoring consultants and Software Engineers assigned to projects or support activities
* Additional tasks as assigned by other senior personnel

## Qualifications for data software engineer

* Web technologies, including HTML, CSS, and JavaScript
* Experience with Networking technologies, Graphics, Windows programming and OS fundamentals
* Bachelor, Master, or PhD degree in Computer Science or similar technical discipline (or equivalent)
* Complex system software design and development experience is a plus
* Experience with large-scale web service, cloud, Big Data, and/or machine learning is a plus
* 5-7 years of Software Development experience building large scale distributed data processing systems/applications or large scale internet systems