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# Example of Engineer, Systems Engineer Job Description

Our company is looking for an engineer, systems engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for engineer, systems engineer

* Exchange database maintenance and disaster recovery
* Define procedures for monitoring and front-line support
* Read, edit and create scripts as appropriate to facilitate the installation and automation of standard systems activities
* System performance optimization
* Provide engineering support and work with CDC Information Technology Service Office (ITSO) to maintain system configurations
* Implement, maintain, document, and periodically verify system configurations
* Coordinate working with CDC’s web application and database hosting environment steewards
* Microsoft Windows OS servers
* Microsoft SQL Servers
* High availability storage area network (SAN)

## Qualifications for engineer, systems engineer

* Experience in utilizing configuration management tools like Chef or Puppet
* Experience in using software design patterns, data structure, and algorithms
* A minimum of three years experience maintaining broadcast television or production equipment
* Demonstrated knowledge of serial digital broadcast equipment including video servers, switchers, routers, signal processing and measurement equipment
* Experience with administering and/or building server infrastructure based on Windows Server 2003/2008/2012 and VMWare
* Knowledge and use of ITIL or similar standards