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# Example of Principal DevOps Engineer Job Description

Our company is growing rapidly and is hiring for a principal devops engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for principal devops engineer

* Interact with multiple development teams and Quality Engineering teams to build tools to improve the quality of delivered services
* Ensure that each phase of the Cloud Supply Chain from product management, through development, QA, Staging and into Production is fully automated, as frictionless as possible utilizing CI and CD
* Drive architectural evaluations including requirements gathering and POCs for technology within the platform space such as caching layers, application servers, data repositories and more
* Participate in and strongly contribute to architectural reviews and discussions of test/release process
* Ensure that new and existing products sport automated deployment, and remote execution-based remediation scripts which can be handed off to 24x7 NOC organizations
* Participate in the testing of functionality, operability, deployment, and performance for application or infrastructure changes
* Drive, define and deploy system monitoring with threshholds and actionable alerts
* Define, scope, and track operations projects including capacity planning hardware procurement and deployment
* Install, configure, and maintain ELK stack systems
* Make infrastructure/engineering recommendations to optimize Elasticsearch data ingest and search

## Qualifications for principal devops engineer

* Familiarity with version control system and its different branching methods – preferably git
* Strong Linux and system administration
* Bachelor degree in Computer Science, Engineering, or Mathematics
* A minimum of 10 years of IT experience with at least 3 years in managing large complex business systems
* Ability to simplify complex situations and lead calmly through periods of crisis
* Prior experience developing or working with Amazon Web Services