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# Example of Asset Engineer Job Description

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

## Responsibilities for asset engineer

* Provide direction to section analyst in data mining and other analytic assignments
* Applies advanced technical theories and engineering tools & methods developed from basic principles
* Research, investigate, develop and apply innovative technologies and products to foster cost efficiency in the growth and operation of the transmission and distribution system
* Represent company in technical forums as an active member of professional and technical standards committees
* Collaborate with operations personnel in troubleshooting problems from a mechanical perspective and provides guidance and training as appropriate to promote proper operation and maintenance of equipment and piping systems
* Develop mechanical asset strategy with Asset Manager to minimize total cost of ownership for all mechanical assets
* Provide expertise for turnarounds from a mechanical operations perspective
* Provide expertise for turnarounds from an I&E operations perspective
* Develop, analyze and maintain plant relevant Asset Effectiveness Key Performance Indicators and develop plans to maximize profitability
* Lead Asset Effectiveness improvements through identification of lost availability and poor reliability

## Qualifications for asset engineer

* Self-motivated and able to work to deadlines and budgets
* Have as a minimum a BEng in Civil Engineering
* A strong academic record with a degree in Computer Science, Computer Engineering, or a scientific discipline
* Exceptional object-oriented coding ability in Java or similar language like C++
* Experience with SQL and working with a relational database system, preferably including good table design
* Modern web technologies (Angular, React) and public cloud technologies a major plus