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# Example of Principal Product Engineer Job Description

Our growing company is looking to fill the role of principal product 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 principal product engineer

* Interface with senior management and clearly articulate progress, challenges and needs for success
* Drive the adoption of data analysis techniques across the organization
* Receives and interprets program requirements while incorporating SAS/APC business objectives
* Attend Software and System architectural meetings for an assigned feature
* Communicate with both System & Software architects to understand scope of work software requirements
* Drive his or her features to success in each PI by
* Write quality standard User story for the feature where it is clear for developers
* Provide how and what environment your feature will be used
* Oversee the execution of the software definition and acceptance with non-regression checks and a Continuous Integration test when possible
* Drive team to produce quality product and check the defect containment after acceptance

## Qualifications for principal product engineer

* Detailed knowledge of OpenStack
* Detailed knowledge of Layer 3 networking
* Linux Container technology ( Docker)
* Basic knowledge of Python or Java
* Networking knowledge of BGP and OSPF
* Knowledge of networking switch (Arista, Cisco) configuration and setup