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# Example of Hardware Engineering Manager Job Description

Our company is growing rapidly and is looking for a hardware engineering manager. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for hardware engineering manager

* Perform engineering support and project management assignments on a variety of server hardware products
* Perform Configuration Management tasks to ensure BOMs, and specifications are documented properly
* Validate that BOMs are correct per hardware engineering specifications
* Perform First Article Inspections (FAIs) to validate that the actual hardware matches the BOM
* Work with engineers to resolve BOM, specification and other product issues
* Help manage the Agile lifecycle of the product
* Help prepare and manage the manufacturing diagrams for data center server rack configurations
* Work with engineers to track supplier compliance to AWS specifications
* Track supplier test compliance and test completion for all components on the BOM including second source components
* Track and manage parts logistics for the hardware development engineers

## Qualifications for hardware engineering manager

* Bachelor’s Degree in Electrical Engineering or Computer Engineering, Masters desired
* Demonstrated technical understanding of the Internal and External Communication System Design & Integration, including IP-based Voice and Data Comm systems, RF components (such as Radios, Multi-couplers, ) Baseband and Data Networks
* Experience managing design teams and possesses a full understanding of best-in-class design and development processes from system requirement/architecture phase through integration and test
* Demonstrated successful hands-on project/risk management of substantial design efforts including cost and schedule responsibility and familiarity with EVMS (Earned Value Measurement System)
* Experience in all phases of a proposal activity such as writing technical sections, estimating engineering effort and reviewing estimates generated by others
* The ability to obtain and maintain an active DoD Security Clearance