



# Example of Hardware Engineering Job Description

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Our innovative and growing company is looking for a hardware engineering. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for hardware engineering

- You will develop systems that actively gathers health status of various hardware components & upgrade/manage all firmware elements
- You will maintain the current server fleet from deployment to decommissioning by managing HW sustaining activities to ensure reliability & availability
- You will collaborate & Partner with cross-organizational infrastructure software teams to design & deliver the most effective hardware solution by driving SW/HW optimizations, Kernel & OS validation
- You will help engineers develop & advance in their roles & careers by Coaching, Developing, Mentoring, Directing, Delegating, Recognizing, & providing Objective Feedback
- You will manage the team, including Personal Development Plans, Employee Performance Assessment, Individual Recognition, Team Building activities, and more
- Resource usage and capacity planning
- Adherence to engineering best practices and processes
- Continuous improvement in efficiency
- MTBF analysis on patient monitor hardware (electronics)
- Tasks related to reliability testing of patient monitor hardware (electronics)

## Qualifications for hardware engineering

- Desire to troubleshoot and resolve problems

- Participates in cross-functional virtual teams
- Completes code or configuration to implement solutions
- Provides deep level support/consulting to level 1 support
- Experience with processor architecture, digital circuit design and various communications protocols such as I2C, UART, SPI, USB, MIPI, I2S