1. Authored detailed functional specifications for development of [Type] hardware components.
2. Worked closely with [Type] testing designer to execute and improve test coverage.
3. Investigated hardware product issues involving materials and software and devised solutions.
4. Drove implementation of quality requirements for new product designs and adherence to customer specifications and production requirements.
5. Designed computer hardware components and peripheral devices including power supplies, heat sinks, hard-drives and integrated circuit boards.
6. Outlined design requirements, BOMs, functional specifications and reports to document development processes.
7. Planned and prioritized field testing engagements of [Type] technology.
8. Collaborated with design teams on design reviews and validation testing for [Type] and [Type] components.
9. Conducted training sessions for partners, stakeholders and support teams to educate personnel on operational requirements.
10. Developed test methodology to check product features and devised test plans for modules.
11. Monitored operating equipment age and functionality for enterprise-class client, identifying and initiating necessary upgrades.
12. Translated broad spectrum project requirements to detailed hardware architecture design concepts.
13. Built and modified computing systems to client specifications.
14. Analyzed and advised clients on computing requirements for specific software, including [Software], [Software] and [Software].
15. Met regularly with clients to discuss project specifications and milestones and provide updates on progress.
16. Led company-wide transition efforts to replace aging communications infrastructure with Unified Communications (UC) platform.
17. Traveled to customer sites to provide prompt resolutions to issues.
18. Researched complex technical issues and provided resolutions.
19. Secured on-site systems via numerous vectors, including software intervention, air gapping, social engineering mitigation training and more.
20. Interacted with various levels of plant and division management personnel to discuss quality and analysis.