1. Designed, developed and tested embedded software applications for use in [Description] industry.
2. Validated schematic designs working alongside hardware engineers.
3. Created and built firmware to test associate hardware.
4. Implemented [Programming Language]-based testing features to use on final product.
5. Managed design of dynamic widgets focused on [Area].
6. Managed use of various types of databases and configured, installed and upgraded new ones.
7. Participated in all phases of system development life cycle, from requirements analysis through system implementation.
8. Managed and monitored all installed systems for highest level of availability.
9. Implemented network security equipment, including firewalls, two-factor authentication, and antivirus software for networks supporting [Number] users.
10. Wrote and maintained custom scripts to increase system efficiency and performance time.
11. Managed installation, upgrade and deployment projects and provided on-site direction for network engineers.
12. Installed, configured, tested and maintained operating systems, application software and system management tools.
13. Worked closely with customers, internal staff and other stakeholders to determine planning, implementation and integration of system-oriented projects.
14. Built and maintained network infrastructure consisting of Windows, Linux and virtual products.
15. Oversaw development and maintenance of organization computer systems and intranet.
16. Resolved issues related to operational components for LAN, WAN and voice systems.
17. Designed and implemented system security and data assurance.
18. Provided 2nd and 3rd level technical support and troubleshooting to internal and external clients.
19. Defined enterprise processes and best practices and tailored enterprise processes for applications.
20. Monitored and tested application performance to identify potential bottlenecks, develop solutions, and collaborate with developers on solution implementation.