1. Collaborated with software, firmware and hardware engineers to develop complete embedded solutions.
2. Modified existing code to replace problematic functions with optimized content.
3. Applied development roadmap and business model hierarchies to engineering lifecycle for prioritization of development tasks.
4. Adopted object-oriented development methodologies such as polymorphism and inheritance.
5. Wrote code for software-defined networking solutions for use within corporate network.
6. Developed software within Linux Kernel space.
7. Engineered software components for automation hardware such as microcontrollers and sensors.
8. Debugged software at rudimentary signal level, employing [Tool] to analyze performance and diagnose faults.
9. Performed high-level coding in various programming languages, including [Type] and [Type].
10. Participated in IOT (Internet of Things) development, specializing in [Area of expertise].
11. Managed design of dynamic widgets focused on [Area].
12. Designed, developed and tested embedded software applications for use in [Description] industry.
13. Designed Linux Kernel Application Programming Interfaces (APIs) for use in third-party software development.
14. Implemented [Programming Language]-based testing features to use on final product.
15. Provided responses to requests for quotes on customized [Type] job proposals.
16. Planned and developed interfaces using [Software] that simplified overall management and offered ease-of-use.
17. Boosted efficiencies in [Type] software using [Technique] to deliver better overall user experience.
18. Created and built firmware to test associate hardware.
19. Documented all software development methodologies in technical manuals to be used by [Job title]s in future projects.
20. Validated schematic designs working alongside hardware engineers.