1. Designed Linux Kernel Application Programming Interfaces (APIs) for use in third-party software development.
2. Provided responses to requests for quotes on customized [Type] job proposals.
3. Debugged software at rudimentary signal level, employing [Tool] to analyze performance and diagnose faults.
4. Engineered software components for automation hardware such as microcontrollers and sensors.
5. Applied development roadmap and business model hierarchies to engineering lifecycle for prioritization of development tasks.
6. Performed diagnostics and testing to check system operations.
7. Researched and identified new technologies and approaches, helping to proactively solve unique issues.
8. Collaborated with software, firmware and hardware engineers to develop complete embedded solutions.
9. Performed high-level coding in various programming languages, including [Type] and [Type].
10. Wrote code for software-defined networking solutions for use within corporate network.
11. Developed software within Linux Kernel space.
12. Participated in IOT (Internet of Things) development, specializing in [Area of expertise].
13. Analyzed, designed, developed and tested software, including for embedded devices.
14. Adopted object-oriented development methodologies such as polymorphism and inheritance.
15. Designed embedded control system software and created software test plans.
16. Designed, developed and tested embedded software applications for use in [Description] industry.
17. Implemented [Programming Language]-based testing features to use on final product.
18. Modified existing code to replace problematic functions with optimized content.
19. Validated schematic designs working alongside hardware engineers.
20. Created and built firmware to test associate hardware.