**Top Technical Skills for Embedded Software Engineers**

* C and C++ programming
* Microcontrollers, or MCUs
* Microprocessors
* Linux operating system
* Software optimizations skills at the System on a Chip (SoC) level
* Real-time Operating Systems (RTOS)
* Device drivers
* Understanding of design patterns and embedded system design patterns
* Debugging skills
* Ability to work with existing code bases
* Assembly programming language
* Basic understanding of Internet of Things (IoT) and internet-based technologies
* Understanding of data structures
* Python programming language