**Job Description: Embedded Systems Engineer**

**Summary:**

The embedded systems engineer designs, develops, tests, and maintains embedded systems. The engineer will identify and fix issues and work collaboratively with engineers, product managers, and others on various teams.

**Responsibilities:**

* Design and build embedded systems, including embedded system firmware
* Test and debug the systems
* Monitor and maintain the system after development
* Improve system efficiency and stability after development
* Collaborate with customers to create systems based on their needs

**Requirements:**

* Minimum of a bachelor's degree in computer science or engineering
* Professional experience in embedded systems
* Significant programming experience in C or C++
* Experience in trouble-shooting embedded systems and microcontroller peripherals
* Experience in working in real-time operating systems
* Experience in interfaces, IP protocols, and hardware subsystems
* Proficiency in working with common embedded systems communication protocols
* Strong interpersonal and writing skills
* Ability to work as part of a team
* Exceptional analytical and problem-solving skills
* Self-motivated and passionate about your work and embedded systems
* Always eager to learn and improve