

Job Description: Embedded Systems Engineer

Chennai, India

We are seeking an **Embedded Systems Engineer** to design, develop, and test low-level firmware for microcontrollers. The ideal candidate will have experience with real-time systems and embedded C/C++ programming.

Key Responsibilities

- Design and implement firmware for ARM and STM32 microcontrollers
- Integrate hardware drivers using I2C, SPI, and UART
- Work with real-time operating systems (RTOS)
- Debug and optimize performance at the hardware interface level

Requirements

- Strong knowledge of **C/C++ programming**
- Experience with embedded hardware platforms (Arduino, STM32)
- Familiarity with RTOS concepts and hardware protocols
- Basic circuit design and schematic understanding