🔌 **Job Title: Embedded Systems Intern**
🏢 **Company: Make3D**
📍 **Location: Katargam, Surat**
🕑 **Duration: 6 Months (Full-time Internship)**
📄 **Employment Type: Internship**

Position Overview:

Make3D is seeking a proactive and enthusiastic Embedded Systems Intern to join our engineering team. This internship is ideal for students or recent graduates from Electronics, Embedded Systems, or related backgrounds who want to gain hands-on experience in embedded programming, Linux-based systems, and interfacing with microcontrollers. You'll work closely with senior engineers on real-time projects involving Raspberry Pi and STM32.

Key Responsibilities:

- Assist in developing and testing embedded applications on Raspberry Pi using Python/C/C++
- Support Linux system setup and configuration (Raspberry Pi OS, Ubuntu, etc.)
- Help design and develop basic graphical user interfaces (GUIs)
- Interface microcontrollers (like STM32, Arduino) with Raspberry Pi using I2C, SPI, UART
- Participate in integration, testing, and troubleshooting of embedded systems
- Document code, hardware interfacing steps, and test cases

Requirements:

- Pursuing or recently completed B.E./Diploma in Electronics, ECE, Embedded Systems, or related field
- Basic understanding of embedded systems and microcontroller concepts

- Familiarity with Raspberry Pi, Linux OS, and GUI interfacing
- Programming knowledge in Python, C, or C++
- Understanding of communication protocols like I2C, SPI, UART
- Willingness to learn, collaborate, and take initiative
- Based in Surat or ready to relocate for internship duration

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What You'll Gain:

- Hands-on experience working with real embedded hardware
- Exposure to product development and IoT-based projects
- Guidance from experienced embedded and software engineers
- Internship Certificate and Letter of Recommendation upon successful completion
- Potential for full-time placement based on performance

📧 **To Apply:**
Send your resume to **hr@make3d.in** or call **7861803734**