

Kowshik Gajula

Chunnambattiwada, Mancherla, Telangana - 504208

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Career Objective

Innovative and detail-oriented Embedded Systems Engineer with 1 year of experience in embedded hardware and firmware development. Skilled in PIC & Holtek MCUs, Embedded C, communication protocols (UART, SPI, I2C), ADC, LED interface, and testing/validation. Adept at customer handling, project management, and technical sales in the electronics industry. Passionate about designing and optimizing embedded solutions.

Key Skills

Technical Skills:

- **Embedded Systems & Firmware Development:** Embedded C
- **Microcontrollers :** PIC, Holtek.
- **Communication Protocols:** UART, SPI, I2C.
- **Peripherals & Interfaces:** ADC, PWM, Timers, Interrupts, GPIO,EEPROM.
- **Tools & Software:** MPLAB X IDE, Keil, Ki -Cad, 8051 Megawin Writer, HT-IDE,HOPE 3000,HOPE 5000,E-Writer,E-link.
- **Testing & Troubleshooting:** Oscilloscopes, Multimeter.

Application & Customer Support Skills:

- **Technical Consultation:** Understanding customer requirements and providing tailored solutions.
- **Product Demonstration:** Presenting technical solutions and training customers on embedded products.
- **Pre-Sales & Post-Sales Support:** Assisting customers with design, testing, and troubleshooting.
- **Customer Handling:** Building relationships, providing on-site support, and resolving technical issues.
- **Project Management:** Coordinating between R&D, sales, and customers for efficient execution.

Professional Experience

GMVR Hi-Tech Pvt Ltd – Embedded Systems Engineer

2023 (NOVEMBER) – present

GMVR High Tech Pvt Ltd is an electronics manufacturing and solutions provider specializing in embedded systems, microcontrollers, and automation technologies. The company focuses on designing and developing innovative hardware and firmware solutions for various industrial and consumer applications.

Projects :

- 1)Mosquito Repellant
- 2)BLDC LV Fan
- 3)Weigh Scale
- 4)Smoke Detector
- 5)Count Beeper