

## Firmware Development Engineer



Technology Kitchen is seeking a Firmware Development Engineer to develop embedded firmware for a broad variety of custom technology products for the industrial, aerospace, entertainment, consumer, and medical markets. The ideal candidate should enjoy being part of a small team, learning new skills, problem-solving, and have a passion for technology.

Technology Kitchen is an engineering services firm with expertise in electrical, mechanical, and software engineering. We are located in Austin, Texas and serve a broad range of customers and industries. Our small company has a fun and nurturing teamwork environment and is continuing to grow. Our mission is to provide strong value for our customers through well-managed project development, high quality designs, and documentation.

### Job Description:

- Develop, test, and optimize embedded firmware for a wide variety of applications
- Test and troubleshoot complex systems with hardware and firmware
- Conceptualize, model, and implement signal processing algorithms
- Write drivers for on-board peripheral modules
- Write drivers for external I/O devices
- Write and review design specification and code architecture documents
- Contribute to improve development methodologies

### Required Qualifications:

- BSEE, BSCS, or master's degree
- 4-20 yrs embedded firmware development experience
- Proficiency in C
- Effective communication and interpersonal skills

### Desired Qualifications:

- Experience with Microchip and Silicon Labs microcontrollers
- Experience with I2C, SPI, UART, PWM, timers, low-power management
- Experience with Ethernet stack, CAN, LIN, FAT file system, RTOS & cooperative multitasking
- Experience with electrical lab equipment
- Familiarity with electronic components
- MATLAB experience

### Benefits Include:

- Performance-based profit sharing plan
- Medical and dental insurance, flexible spending account
- 401K plan

### How to Apply:

To explore working with our team, email your resume to [careers@technologykitchen.com](mailto:careers@technologykitchen.com)

