Position Requirement: Embedded Software Engineer

Location: Plano, TX

NeoTek Energy is a growing company positioned to revolutionize how Oil and Gas Exploration and Production companies exploit their assets. We are looking for a Software Engineer with experience in embedded software development using C to be a key player on a small, growing team that is building innovative, new products.

The software developer will be responsible for designing, developing, documenting, testing, and maintaining embedded software on 16 bit and 32 bit microcontrollers.

Key attributes of the successful candidate are being a self-starter, problem solver, collaborative team player, and high productivity contributor.

List of Responsibilities:

1. Analyze software requirements/assigned tasks and translate into specifications and programming deliverables.
2. Work on the design, development, testing, installation, quality assurance, and technical support of developed software.
3. Conduct design and code reviews to ensure high quality products. Adhere to software development best practices and Neotek coding guidelines.
4. Write design documentation; write, edit and review (for technical accuracy) user documentation; write clear and concise code comments.

Minimum Qualifications, Skills, and Experience

5. BS/BA in Computer Science or Computer Engineering.
6. 2+ years of experience in professional software development.
7. Experience developing real time embedded software.
8. Experience with Flash, i2C, SPI, ADC, DAC, and USB.
9. Strong analytical, numerical and problem solving skills.
10. Strong verbal and written communication and documentation skills. Must be able to communicate effectively with diverse experts within and outside of the company.
11. Strong intellectual honesty, with the ability to deliver and receive constructive criticism, to accept and work to someone else's idea/design when it's better, and disagree in a constructive fashion.
12. Proven ability to work in a fast-paced, cross-functional engineering team to achieve a common goal, and meet product and customer commitments. Ability to execute and deliver to tight deadlines and schedules, and adjust to changing priorities in a small team environment.
13. Highly self-motivated and directed, with keen attention to detail.
14. Proficient in Microsoft Office products.

Desired Qualifications

1. Experience with TI MSP430 and TI ARM processors.
2. Experience with software debuggers (JTAG) and hardware analyzers (oscilloscope, logic analyzers).
3. Ability to read and interpret electrical schematics and work efficiently with hardware design engineers.
4. Capable of hands-on hardware bring-up.
5. Experience with Code Composer Studio.
6. Experience with Oil industry a plus.
7. Ability to multi-task, prioritize and work in extremely fast-paced environment.
8. Ability to debug complex system issues down to the code or component level.

About NeoTek

At NeoTek, we are focused on delivering high resolution production intelligence to our customers, enabling them to optimize their operations – more oil at lower cost. NeoTek is serving an extremely large market and has the potential to become a multi-$B company.

We are seeking the best people to join our team and help us build an incredible company. We want people striving for more than a job; we want exceptional individuals with a desire to build a great company.

Our product suite is heavily focused on collecting data from NeoTek equipment installed on or in wells, processing it, and providing key information and decision capabilities to our customers.

The Embedded Software Engineer reports to the Director, Product Development. For consideration please send cover letter and resume to hr@neotekenergy.com. We offer competitive benefits, including health insurance and 401K. Principals only. Relocation not offered.