Dear Job Aspirant,

We wish to connect with you for below position of **Lead Software Engineer-Embedded**

* Designation: **Lead Software Engineer**
* Qualification: B.E - Instrumentation/Electronics/ E&TC/Computer Science or equivalent
* Location: Pune
* Experience: 8+ years

**Company Profile :**

At Softdel, we empower global enterprises and OEMs to navigate their AI journey with confidence by leveraging our extensive expertise in IoT, Cloud, Data Analytics, and Product Engineering Services. We specialize in unlocking real-time data from machines and equipment, transforming trapped data into actionable insights that drive efficiency and sustainability. As a trusted Engineering and R&D partner, we bridge the gap between device connectivity, enterprise integration, and user interaction, enabling our customers to accelerate their AI readiness.

With two decades of experience and deep domain knowledge, we take pride in co-creating robust transformation solutions that empower our customers to drive innovative use cases, achieve tangible benefits, secure a strong return on their investments, and meet their sustainability goals.

For more information, visit [www.softdel.com](http://www.softdel.com). Follow on [LinkedIn](https://www.linkedin.com/company/softdel/) and [Twitter](https://twitter.com/softdelsystems?lang=en).

 **JOB Description:**

**Roles and Responsibilities:**

* Contribute to all aspects of software development, architecture, design,
* Implement the best practices and coding standards of the project.
* Comply with all applicable development processes.
* Should be able to work independently as well as with team.
* Contribute to programming and developer testing.
* Experience with Embedded system design and development with C language.
* Well versed with 8/16/32 bit microcontrollers preferably STM32 platform, NXP microcontrollers
* Minimum 1 year Experience in emWin graphics library (preferred) on STM32 platform or similar library.
* Well versed with communication protocols such as Modbus, SPI, I2C, UART
* Proficient understanding of code versioning tools like Git and SVN.
* Experience in device driver development and hardware board bring up.
* Hands on experience in using debuggers, simulators, and oscilloscope.
* Able to read hardware schematics.
* Self-motivated, innovative, willing to pursue new technical areas and capable of working independently.
* Experienced in implementing secure development methodologies, ensuring robust protection of sensitive data and systems integrity.

**Technical / Essential Skills:**

* Experience with STM32 platform.
* Experience in Emwin or Similar graphics library on STM32.
* Experience in any RTOS.
* ·Experience with scripting language. VBA, Python or Bash preferred.
* Knowledge of C++ and OOPS concepts.
* Knowledge of systems/ products with Wi-Fi interface