

Dear Job Aspirant,

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

* Designation: Lead Software Engineer
* Qualification: B.E - Instrumentation/Electronics/ E&TC/Computer Science or equivalent
* Location: Pune
* Experience: 6-10 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:**

* 6 to 10 years of experience with embedded system design and development.
* Strong development experience using C/C++ languages.
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* **Strong working experience in multilayered and multithreaded application development on Linux - Yocto platform.**
* Hands-on experience with POSIX APIs, system calls, and Advanced IPC mechanisms.
* Hands-on experience in using GDB, strace, perf, Valgrind or similar tools.
* Working experience in Design patterns - Event Driven Messaging, State Transition
* Continuously learn and improve skills to pursue new technical areas.
* Attention to detail is essential and all tasks must be carried out to the highest quality.
* Coordinate with the TL/PM on current programming tasks.
* Collaborate with other engineers to design and implement features.
* Quickly produce well-organized, optimized, and documented source code.
* Contribute to technical documentation like SRS, design, user manual.
* Debug existing source code and polish feature sets.
* Continuously learn and improve skills to pursue new technical areas.
* Attention to detail is essential and all tasks must be carried out to the highest quality.

**Technical / Essential Skills:**

* Experience with Embedded system design and development with “C” language.
* Experience in Bare-metal and RTOS (ST free-RTOS, ThreadX, etc.).
* Working experience in any one of Java, Go, Python languages
* Working experience in OpenWrt OS
* Knowledge of Logging framework
* Knowledge of wireless protocols ZigBee, Zwave, Matter/Thread, PowerG, BT/BLE, Wi-Fi
* Knowledge of tools GitHub, Git, BitBucket, JIRA, Confluence