

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 :**

As a leading Engineering and R&D tech company, Softdel specializes in end-to-end, Chip-to-Cloud IoT solutions that drive innovation and empower businesses to excel in an interconnected world. With deep expertise in connected devices, Softdel is uniquely positioned at the source of data, enabling us to harness actionable insights for powerful AI applications. By embedding intelligence directly at the data source, we provide industries with a strategic advantage, fostering AI-driven solutions that optimize both performance and sustainability. 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.

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

Regards,

HR Team