Dear Job Aspirant,

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

- Designation: **Lead Software Engineer**
- Qualification: Bachelor's Degree in engineering – EEE / ECE / E&I.
- Location: Pune

- Experience: 8- 10 Years

Company Profile :

Founded in 1999, Softdel (a UNIDEL company) connects devices, enterprises, and people. Our distinctiveness lies in simplifying enterprise connectedness in smart buildings and smart factories creating unprecedented benefits for our customers and their eco-systems. Headquartered in Stamford, CT, USA, with offices in Japan, and India, we deliver domain expertise and technology-driven solutions to help companies turn digital challenges into opportunities. Our two-decade-long product engineering experience of serving global leaders in the automation & controls industry has catapulted Softdel to an enviable position in the Industrial and Buildings IoT value chain.

For more information, visit www.softdel.com. Follow on LinkedIn and Twitter.

JOB Description:

Essential Skillset

- Must have a strong background in embedded c/c++ coding (Hands-on coding is must at least 70%), code review, debugging, testing, and deployment.
- Strong working experience on Embedded system development with Microcontrollers (ARM Cortex M series and ESP32 microcontroller/ esp32.), Microprocessor.
- Experience on bare metal as well as RTOS like FreeRTOS must.
- understanding of make file and make menu config is must.
- Experience of multithreading, IPC mechanism (Mutex, Semaphore, queue).
- Working experience of Interfacing or implementing any protocol (UART, SPI, I2C, CAN, Modbus)
- Working experience on EEPROM, RTC, PWM driver development.
- Working experience on Wireless protocols (Wi-Fi)
- Working experience on networking protocols (TCP/IP, UDP, SMTP, SNTP, FTP, TFTP, Telnet, SSH)
- Basic working experience on security and its protocols (e.g., TLS 1.2/1.3).
- Knowledge of sniffer tools like Wireshark is added advantage.

Nice to have Skill set:
- Unit Testing and Test-Driven Development
- Excellent debugging and problem-solving skills.
- Effective requirement analysis and effort estimation skills.
- SCM tools GitHub, Git, SVN, BitBucket, JIRA

Required Soft Skills

- Excellent interpersonal and communication skills in written and oral English.
- Self-motivated, proactive, willing to pursue new technical areas & capable of working independently.
- Strong problem-solving skills.

Role & Responsibilities.

- 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 documentations like SRS, design, user manual.
- Continuously learn and improve skills to pursue new technical areas.

Regards,
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