Dear Job Aspirant,

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

* Designation: Lead Hardware Engineer
* Qualification: Bachelor’s or Master’s degree in electrical/Electronic Engineering, Electronics and Telecommunication Engineering, Power Electronics Engineering
* Location: Pune
* Experience: 5-10 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](http://www.softdel.com). Follow on [LinkedIn](https://www.linkedin.com/company/softdel/) and [Twitter](https://twitter.com/softdelsystems?lang=en).

 **JOB Description:**

**Responsibilities:**

* Experience in electronics hardware development, circuit design and verification (microcontrollers, mixed-signal components, motor controls and AC to DC power conversion, Power Electronics)
* Technical lead for household appliance electronics hardware and circuit design
* Create electrical circuit schematics and assist in the PCB layout for appliance control circuit boards, and in the overall product design.
* Work with internal/external cross functional teams (software, sourcing, marketing, manufacturing, etc.) to define and optimize the designs, participate in design reviews, and support FMEA and root cause analysis.
* Interface with internal/external electronic PCB and product production teams to maximize test coverage and optimize production test time.
* Thorough understanding of power management techniques and low-power design principles.
* Familiarity with safety-critical and regulatory compliance in embedded systems.
* Excellent leadership, project management, and team collaboration skills.
* Strong problem-solving and analytical abilities.
* Experienced in implementing secure development methodologies, ensuring robust protection of sensitive data and systems integrity.

**Preferred skills and experiences**

* Extensive experience with circuit design related to analog/digital signals, microcontrollers (Microchip, NXP, Renesas, STMicroelectronics, TI, GigaDevice), motor controls (for permanent magnet and induction motors), AC to DC power conversion, and EMI/EMC principles.
* Working knowledge of Altium/Cadence design tools - schematic entry, circuit simulation and PCB layout experience required
* Agency standards (UL, IEC, CE) experience preferred.
* Familiarity with mechanical design, CAD, plastics moulding, and materials preferred.
* Product validation experience, PCB and product manufacturing process knowledge is a plus.

HR Team – Softdel Systems

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