

LENEK TECHNOLOGIES PRIVATE LIMITED

G No 1599(P) Flno A503 Abhag Vishwa Dehu Alandi Road, Pune Mh 411062

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CIN: U33120PN2021PTC204813

Lenek Technologies Pvt Ltd is an early-stage startup based out of Pune with a mission to make India self-reliant in the health-tech space. We are making medical devices that will incorporate modern technologies and will make healthcare more accessible and affordable. The company was founded in August 2021 and is currently incubated at IIT Kanpur's "Startup Incubation and Innovation Center".

We are looking for Electronics Hardware Design Engineers who are self-motivated and love to crack difficult engineering problems. The recruit will be working closely with the founding team and will be a part of the decision making unit. The work will involve design and development of Analog Power Electronics, Analog RF Processing Circuits and Digital Electronics. We are looking for undergrad or postgrad interns as well as full time employees.

Primary Responsibilities

- Design, testing and validation of state-of-the-art electronic systems for medical devices
- Complete end to end electronics product design & development including digital electronics
- Technical documentation related to the electronic system
- Participation in decision making related to the overall technical design
- Mentor future recruits

Skills Required

- Good understanding of Power and Analog Electronics Fundamentals
- Define, analyse and measure control performance parameters (e.g.: stability, response time etc...) as applied to power electronics
- Selection and design of power semiconductors, gate drive circuit, magnetic devices, capacitors and power drive circuits
- Knowledge in EMI and EMC as applied to high power electronics products
- Knowledge of digital control algorithm implementation using micro-controllers or DSPs
- Design Experience in Switched Mode Power Supply Topologies (AC to DC and DC to DC)
- Exposure to Magnetics Design (Low frequency and high frequency transformers and inductors)
- Design exposure to Analog electronics Design (OPAMP/Sensor/ADC-DAC based design)
- Experience in Power and Analog Simulations (Spice, LTSpice, SIMetrix-Simplis)
- Knowledge & design experience in EMC design (Filter, Protection circuit...)
- Familiarity with Schematics drawing (OrCAD /mentor graphics...)
- Good understanding of various EMC standards (IEC, CISPER...)

We believe that the skills can be developed if someone has enough enthusiasm and engineering acumen. So the most important thing that we are looking for in a candidate is a thirst to learn and a will to build something exceptional together.

Job Location

- IIT Kanpur, UP

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In return we offer you an opportunity to serve a bigger purpose. A platform where you can hone your skills as an electronics engineer and get an experience of working with an early-stage startup. Interns can get a chance to become a permanent part of the team. **Equity options are also available for eligible candidates.**

Why join us?

This is not a conventional job that we are offering. We will be building this venture together and we value the opinions and ideas of every stakeholder in our company. We all are learning and we believe the recruit will also learn a lot through this experience and apply his/her knowledge to build great products.

To Apply,

Mail your resume and cover letter at cagrawal@me.iitr.ac.in.

For queries, contact:

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[LinkedIn](#)