

Persist Energy,

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Hardware Design Engineer

Who are we?

We, at Persist Energy, are building the future of electric utility two-wheelers for hauling cargo and commuting made (for+in) India, with a far-reaching focus on empowering sustainable mobility in developing nations. We are building an ecosystem of transport inspired by those who served us Chai Sutta over the ages, the Kirana store owner who relentlessly delivered the water cans and the Swiggy guy who never gave up. We have the technology to help us in our mission.

We are being showered with loads of mentorship, advice, support, and grants from Northeastern University, Mass Challenge Boston, Indian School of Business, and many more worldwide, who believe in our dream.

What will you be doing?

To systematically develop robust telematics, chargers, swapping stations, and other hardware solutions for future mobility segments. In this process, will have to capture requirements, design firmware architecture, develop firmware and write automated and manual tests.

Whom are we looking for?

1. We are looking for an electronics geek who plays around with hardware.
2. Must be a Maker who has worked with ESP 32, Nrf, and STM Micro-controllers.
3. Worked on communication protocols like I2C, UART, SPI, CAN, MODBUS, and RS232/485.
4. Working experience in building reliable and testable PCBs
5. Should be able to develop PCBs on Ki cad or eagle PCB.
6. Must be familiar with BLE and Wi-Fi onboard antenna design.
7. Should be able to design PCBs that are automotive grade EMI/EMC compliant.
8. Hands-on experience or knowledge in debugging tools and problem resolution on various hardware platforms.
9. If you have worked on building cars, robots, drones, rockets, or anything from the Marvel universe, you will feel at home.