

## **About Startup:**

Trish I R&D private Limited (Trish-I™) is an R&D based startup incubated at IIT Mandi Catalyst and supported by HCI-CPS Prayas Funding Scheme. Trish-I™ is working in Healthtech domain (alternative medicine and diagnosis) using software applications like Machine Learning/Artificial Intelligence/Deep Learning.

We are an early stage startup, who were among 23 startups selected for 9<sup>th</sup> exploration batch (Phase -1) of IIT Mandi Catalyst-2021. We are recently selected for IIT Mandi Catalyst incubation Phase-2.

We have 6 patent applications (2 in Healthtech domain) that are under examination at Indian Patent Office (IPO).

## **What we're looking for:**

Are you aspiring to be part of an exciting startup in Human Computer Interaction (HCI) using Cyber Physical Systems (CPS)? Are you passionate about learning new tech and solving problems? If you are, reach out to us.

Trish-I™ is looking for passionate young minds who can grow with us. We are in the lookout for creative problem solvers who believe everything is possible if they are willing to work for it.

Currently we have 2 openings for Electronics & Communication Engineering interns who will be working on circuit design, pre-analysis of circuits on relevant software, programming, data processing and analysis using machine learning.

Having said that, we are language agnostic. We choose our tech stack according to the problem we are trying to solve. Horses for courses!

So if you wanna learn new tech and have a taste of the real world, join our paid internship program.

Only skill that is mandatory is you should be passionate about sensors, circuit design, programming, have a logical and solution seeking mind.

## **Eligibility Criteria**

- Good experience in circuit designing, analog/digital components and pre-analysis of circuits on relevant software like ISIS Proteus, Eagle
- Good knowledge of sensors especially infrared sensors
- Strong concept in Object oriented programming
- Mind-set for Engineering research and problem solving
- Knowledge/ experience in Internet of Things, Artificial Intelligence or Machine Learning is a huge bonus

## **Selected candidates will carry out the following responsibilities**

- Research, create and develop electronic circuits, collecting data from sensors, data processing, preparing algorithms to achieve desired objective from the data extracted from sensors.

- Solve problems using fundamental and advanced Engineering concepts
- Leading the team technically
- Research new technologies and their methods of implementation and Development.

**Duration** - 3 to 6 Months or can continue as a core team member (can lead the team in Electronics & Software domain) on satisfactory performance.

**Commitment**- Full Time preferred.

**Stipend**- Rs 3000/month

**Additional Perks-**

- i. Extension for further internships / Employment
- ii. Flexible work hours
- iii. Industry Exposure

**Contact Details**

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