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4 minutes ago   IoT system

A complete IoT system integrates four distinct components: sensors/devices, connectivity, data processing, and a user interface. Below I will briefly explain each component and what it does.

First, sensors or devices collect data from their environment. This could be as simple as a temperature reading or as complex as a full video feed.

I use "sensors/devices," because multiple sensors can be bundled together or sensors can be part of a device that does more than just sense things. For example, your phone is a device that has multiple sensors (camera, accelerometer, GPS, etc), but your phone is not *just* a sensor.

However, whether it's a standalone sensor or a full device, in this first step data is being collected from the environment by *something*.

Once the data gets to the cloud, software performs some kind of processing on it.

This could be very simple, such as checking that the temperature reading is within an acceptable range. Or it could also be very complex, such as using computer vision on video to identify objects (such as intruders in your house).

But what happens when the temperature is too high or if there *is* an intruder in your house? That's where the user comes in.

Posted 4 minutes ago by GANESH KADAM

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