

## SUHAIL AHMED

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Based on current research and development efforts, we can all be fairly certain that **smart road signs** will be broadly utilized in the years to come. They serve as one of the major components of an emerging system

## VISHWA

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Let's start by exploring the concept of the **"Wireless Digital Traffic Sign Post."** This term refers to a traffic sign embedded with information. By way of firmware, microchips, and radios, the sign transmits data wirelessly to drivers and driverless cars.

When vehicles approach such a sign on the roadway, vital information is imparted to their drivers their dashboard .

## VAARAGHI

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The road signage of the future might also be used to transmit **crucial data to driverless cars**. These signs may appear to humans to be **conventional road indicators**.

## ROHIT KUMAR

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However, the information transmitted from a given sign is "visible" to the vehicle's infrared light. The sign alerts oncoming cars to slow down due to a change in the roadway. This sort of transmission can even help autonomous vehicles to stay in their lanes.