## Sign Language Translator

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**HANDSON AI** 

## **OVERVIEW**

This project aims to improve communication accessibility for individuals with speech or hearing impairments through an ASL recognition system. Using Convolutional Neural Networks (CNNs), it processes ASL alphabet gestures and translates them into letters. Deployed on low-power hardware like the ESP-32 CAM module, the system ensures real-time, edge-device compatibility. The initiative seeks to reduce barriers for the deaf and hard-of-hearing communities, fostering better interaction and understanding.



## **RESULTS**













