

CHILUKURI SAI KUMAR

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RESUME SUMMARY

I am a tech enthusiast with a vision to create impactful solutions. Experienced in Java and SQL, I'm dedicated to innovation. My project on sign language to text conversion showcases my commitment to assist individuals with disabilities. Graduated in Electronics/Telecommunication with a passion for leveraging technology for social good.

PERSONAL DETAILS

Current Location Ongole
Date of birth July 12, 2004
Gender Male

EDUCATION

Graduation B.Tech/B.E. (Electronics/Telecommunication)
Mahendra Engineering College, Namakkal, Namakkal with Score 8.48%
Class XII Andhra Pradesh
with 67.2% in 2021
Class X Andhra Pradesh
with 93% in 2019
Certification Course Wipro talentnext (October 2024 - December 2024)

INTERSHIPS AND PROJECTS

Projects **Hand Gesture Based Voice And Home Automation Assistance System** (Duration August 2024 - May 2025)
Designed and implemented a smart system that recognizes hand gestures to control home appliances and simultaneously provides voice feedback for user assistance. The project uses sensor modules to capture hand movements, processes the input through a microcontroller, and maps recognized gestures to specific appliance control commands (like turning lights or fans on/off). Integrated a voice module to announce the executed command, enhancing user interaction. This system was aimed at aiding elderly and differently-abled individuals by offering a touch-free, intuitive interface for home automation, combining principles of embedded systems, signal processing, and human-machine interaction.
Sign language to text conversion using flex sensor (Duration March 2024 - June 2024)
My project is useful for deaf,dumb paralyzed persons

SKILLS AND ACHIEVEMENTS

Skills Java,SQL
Language English (Both), Telugu (Both), Tamil (Spoken)