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Objective :

Currently a second year undergrad at NIT Trichy, I aspire to be a successful Research and Development Engineer with sufficient technical and social skills to contribute in the development of our nation.

Education :

| Degree | School/University | Passing Year | Percentage/CGPA |
|-----------------------------------|-------------------------------------|--------------|-----------------------|
| B.Tech | NIT Tiruchirappalli, Tamil Nadu | 2021 | CGPA : 8.41(till now) |
| Higher Secondary Education (CBSE) | JVM Shyamali, Ranchi, Jharkhand | 2017 | 91% |
| Secondary Education (CBSE) | DAV Public School, Gumla, Jharkhand | 2015 | CGPA : 10 |

Projects :

- **Mocking Bot** eYRC-2018, IIT Bombay
Audio Processing, Embedded System, Sensor Interfacing. Nov 2018-Mar 2019

To a given audio file apply audio processing. Extract the notes, onset, instrument from the audio. Communicate the information to the bot which will imitate the same music on piano and trumpet made for the same.

- **Portable Braille**

Sangam'18, Pragyan, NIT Trichy
Embedded Systems, Image Processing, Circuit Design. Dec 2018 - Mar 2019

This project is an approach to solve the problem of unavailability of many of the books and texts in Braille scripts. In short, it is an assistive reading technology: Portable Braille, a system which is able to translate the captured image of a printed material into Braille code and reproduce them in the braille terminal.

- **Wireless Gesture Controlled Game Controller**

Embedded Systems, IR Communication, Sensor Interfacing. Aug 2018-Sept 2018

A wireless gesture recognition setup which is used in place of keyboard to play various games. This setup includes IR Communication (NEC Protocol), microcontroller etc.