

# Rajib Manna

Complete diploma in EIE, Currently i am pursuing b.tech in AEIE.



## PROFILE

### About me

NAME :- Rajib Manna

GENDER:-Male

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ADDRESS:- Howrah, Shyampur, West Bengal, PIN-711301

DOB:-18/09/2000

I am seeking opportunities in a wide domain of Embedded System, Internet of Things etc. which helps me to enhance my skills, strengthen my knowledge and realize my potential. I am willing to explore a wide variety of opportunities that can help me to prove my problem solving skill.

## EDUCATION

### ANANTAPUR SIDDHESWARI HIGH SCHOOL, Anantapur-Shyampur-howrah (Secondary Education)

Year-2017

Total Marks-396

Average Marks-56%

### MURSHIDABAD INSTITUTE OF TECHNOLOGY, Cossimbazar-Berhampore-Murshidabad (Diploma Engineering)

YEAR-2018 to YEAR-2021

BRANCH:- Electronics & Instrumentation Engineering (DEIE)

OVERALL GRADE POINT AVERAGE :- 8.0 OGPA

OVERALL PERCENTAGE OF MARKS:- 79.6%

## SKILLS

### PROGRAMMING

PYTHON

C & C++

Java Script

Web Frontend(HTML,CSS)

Web Backend (python Django-learning stage)

Data base (MYSQL)

### Work Area

Arduino ide (Arduino uno, mini, ESP8266, ESP32)

MicroPython in Thonny ide (ESP8266, ESP32, RP2040)

STM CUBE IDE (stm32 learning stage)

## TRAINING

Computer hardware & Networking 2017 by yctc (offline one year)

PLC TRAINING 2021 by Arden (online one month)

IOT TRAINING 2022 by Arden (offline two month)

VLSI Design 2022 by Internshala (online 45 day-running)

## LANGUAGES

**HALDIA INSTITUTE OF TECHNOLOGY,**  
Hatiberia-Haldia-West bengal (B.tech Third year Student)

BRANCH:- Applied Electronics & Instrumentation Engineering (AEIE)  
3rd Sem :- 8.32 SGPA  
4th Sem:- 9.09 SGPA

Bengali - Read and Write  
(BEST ),English - Read and  
Write(Good),Hindi-only  
speak(Good)

## PROJECTS

### IOT Iv intravenous fluid monitoring alert system and bubbles detector — *Detail*

In this project, We are monitoring and alert saline fluid level. The device can detect the air bubbles in fluid lines and send alerts through the internet. It also works without the internet.

Link:-

<https://github.com/rm10078/-IOT--Iv-intovenas-fluid-monitoring-alert-system-and-bubbles-detector>

## HOBBY

Gardening(Indoor plants),  
Listening music, Creating  
youtube content

### Bluetooth mouse control by gyro (MPU6050) — *Detail*

I made this mouse using an esp32 uc. The mouse cursor move according to your hand movement.

Link:-

[https://github.com/rm10078/BLE\\_mouse\\_esp32\\_with\\_mpu6050](https://github.com/rm10078/BLE_mouse_esp32_with_mpu6050)

### Home automation using ESP8266 (in local network)— *Detail*

In this project I control all load through my local wifi and ir remote.

Link:-

[https://github.com/rm10078/control\\_home\\_appliances\\_with\\_esp8266](https://github.com/rm10078/control_home_appliances_with_esp8266)

### LCR Meter — *Detail*

The LCR meter is based on an AVR microcontroller . I found the value of an unknown inductor,capacitor and resistor.

Link:- [https://github.com/rm10078/LCR\\_meter\\_my\\_version](https://github.com/rm10078/LCR_meter_my_version)

