



# Sanjay Babu

Intern



## Professional Summary

Self-motivated and Hard working 3rd year student of VIT University with passion and determination to get Industrial Experience as a Intern in your organisation. Seeking to leverage the acquired skills for the industry to get more working experience and further development of the same. Being a MERN stack developer also has good experience in the field of IOT and ML



## Work History

2019-11 - Current

### Founder and Lead Developer

Vitconnex(now as VITrendZ), Vellore, Tamil Nadu

Developed and managing Vitconnex (renovated as vitrendz) platform for VITians which allows user to buy or sell anything inside campus, faculty review,qps, cab share and many other features and services. Used by more than 15000 VITians with larger community inside the campus.

2019-10 - Current

### Technical Lead

IoTinc Club Of VIT, Vellore, Tamil Nadu

- Organized and conducted many events, sessions.
- Guiding and managing club members and assisting them on projects works

2019-10 - Current

### CSE Technical Team Member

IEEE TEMS Of VIT, vellore, Tamil nadu

- Conducted Events and session and Working on Team projects under the guidance of board members and professors

2019-10 - Current

### Core Committee Member

The Electronic Club(TEC) Of VIT, Vellore, Tamil Nadu

- Conducted many Technical Session representing the club as a speaker and developer
- Coordinated and organized prominent hackthons(PAR.ALLAX)

2020-06 -  
2020-07

### Full Stack Developer Intern

fouses, Vellore, Tamil Nadu

Developed online applications for conducting exams and quiz for academic institutes. Experienced on team project and guidance of the mentor.



## Education

2018-07 - Current

### Bachelor of Technology: ECE (with Spec in IOT And Sensors)

Vellore Institute Of Technology - Vellore

Current CGPA: 9.5/10

2017-06 -  
2018-06

### 12 Grade: Science

V.V.N.K.M Sr Sec School - Vellore



## Contact

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## Skills

Python and Data Structures

Machine Learning and Deep Learning

C++,C,java script, Java,R language

HTML5, CSS, MongoDB,MYSQL

Node.js, React, React Native, PHP

Arduino,Raspberry pi,micro controllers

Adobe Illustrator

AWS , IBM Cloud and others

Android and ios App development



## Software

MATLAB, Quartus II

NI Multisim, NetSim Academics

Keil uVision

NI LabView

2016-06 -  
2017-06

- Percentage: 93.7
- Secured School first position in Board Exam

## 10th Grade: Science

V.V.N.K.M Sr Sec School - Vellore

- CGPA: 10/10



## Projects

### **Vitconnex (platform for VITians currently VITrendZ)**

A Platform for VITian which supports students to Buy and Sell anything inside the campus. Also, provide many other features and Academic Resources

link:<https://www.vitrendz.tech/>

### **COVID 19 RFID based Temperature screening and face mask reminder**

RFID based Gateway system which records the temperature of the employee in the industry and updates the same to cloud and website message sent to a government official in the case and abnormal temperture. It also reminds the worker to wear a mask

### **Shop Recommender system:**

Project which suggest the related items to section at same place based on purchase history of the customers using ML algorithm and also predict the customer chances of buying it on accounting their salary and age.

### **Patient monitoring system:**

Platform with mobile app and web site to monitor vitals, saline water, heart rate of each patient And the patient will have one account in a media site where the doctor can access through all there previous records, prescriptions, and scan copy.

Link: <https://github.com/sanjaybabu2210/Medica-Patient-Monitoring-System>

### **Self Balancing Segway**

It is self-balancing Bot which balances along 90-degree axis.it was done with Arduino Uno and mpu6050. which provide safer and faster transport in the real model

### **Tv Script Generator**

The project generates a TV script for a new episode given the scripts of the previous episode. By text generation with Keras and usage of LSTM

### **Speech Suite**

Worked on An application that facilities the user to create a document in ppt or word with all image and text scrapping , summarization with only voice commands

Link: <https://github.com/sanjaybabu2210/Speech-Suite>

Link: <https://speech-suite.herokuapp.com/>

### **Official Websites for TEC club**

I developed official website for TEC club with nodejs.

<https://teclub.herokuapp.com/>

brochure Link: <https://github.com/sanjaybabu2210/parallex>

### **Review monitoring system:**

System which monitor the reviews of shops customer by performing sentimental analysis and determine the tone and expression on chat.



## Additional Information

- Actively participated in many hackathons and workshop.
- Came under Top 10/80 teams of Reboot Hackathon.
- Topper and PR of my branch in VIT Vellore
- 1st prize in State Level Robotics Competiton.