

# VAIBHAV VISHWAS NITSURE

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## PROFILE SUMMARY

To contribute as team member in a lively work environment, share knowledge, interact with people, gain practical knowledge and to foster the growth of the company/institution as well as myself.

## ACADEMIC SUMMARY

Course	Institution	University /Board	Percentage	Year of Passing
B.E (Electronics & Communication Engg)	KLS Gogte Institute of Technology, Belagavi.	VTU Belagavi.	1 <sup>st</sup> -5 <sup>th</sup> Sem CGPA: 9.79	2021
P.U.C	Tungal PU College, Vijaypur.	Pre-University College Board, Karnataka.	95%	2017
S.S.L.C	St. Joseph's English Med. High School, Vijaypur.	Karnataka State Board.	92.1%	2015

## PROJECTS

- **Wireless bot using Node MCU**

The bot was built using Node MCU which has ESP8266 WiFi module. The bot was controlled through phone WiFi. The bot can be used for carrying objects to a distance by wireless control.

- **Market basket analysis**

Algorithm designed to predict the product to be purchased by a customer using aspects of Association in machine learning. The code takes a dataset as input and returns the products that will be most likely bought by customer.

- **Face Recognition and Temperature sensing for COVID detection in hospitals**

The web cam captures real time data and compares and recognizes the face. The temperature data stored corresponding to that person is compared with the current body temperature and if it is more and above the normal body temperature then person is suggested to go through check up.

- **Web application designed for women empowerment**

The web app designed using HTML, CSS, PHP and MySQL . The web app also provided an automated email communication. Google API was included for location sharing. The website provided information on education, government schemes and motivation to women. It also gave various employment opportunities differentiated by region.

- **Game projects**

Developed games with basic functioning majorly using Pygame library.

## INTERNSHIP

### Tech Fortune Technologies, Belagavi

Completed internship for 8 weeks in Tech Fortune Technologies . The internship focused on topic of 'Machine Learning Using Python'. We got a deal of knowledge in the fields of Machine learning and Python programming. As a final project in internship I worked on 'Market Basket Analysis' which included programming using python and Association algorithm of machine learning.

## SKILL SETS

- **Programming Languages :** C, C++, Python, Embedded C, Verilog, MATLAB programming, Arduino programming
- **Softwares :** MATLAB, CADENCE VIRTUOSO, AUTOCAD, XILINX
- **Others :** Basic web development, Digital logic design and team work

## ACHIEVEMENTS

- Secured first rank in BE second year 2018-19.

## CERTIFICATIONS

- Secured B1 grade in Business English Cambridge Course.
- Completed 'Data structures and algorithms using python' course in NPTEL.
- Completed 'Machine learning foundations : A case study approach' in Coursera.
- Completed 'Python project : Pillow, pytesseract, Opencv' in Coursera.
- Completed 'COVID 19 Data analysis using python' in Coursera

## EXTRA CURRICULAR ACTIVITIES

- Participated in **Hackathon in Avalanche-2018** held in KLS GIT, Belagavi
- Participated in **PANCHAJANYA 2019**.
- Participated in **SIH-2020**.
- Participated in Portrait and singing in **AURA-2019**.
- Active member of **RISE Club**.

## LANGUAGES

English, Kannada, Hindi and Marathi