RESUME

PERSONAL PROFILE

Name: Vinay T

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Date of Birth: 01/06/2001

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EDUCATION:

2020-2024: B. E in Electronics and Communication from N.M.A.M.I.T. Nitte, Karkala, Affiliated to VTU Belagavi, India

2018-2020: 10+2, from Basavaiah Residential, Pu college, India.

2016-2017: 10th / SSLC from BLR Junior college sirigere India.

ACADEMICS PROJECT:

- Remote Controlled Pick and Place Robot: Implemented a robot using microcontroller that can perform pick and place operations with six degrees of freedom, and it can be controlled via Bluetooth signal using app.
- **Digital Temperature Display:** Sense and measure Temperature using LM35 temperature sensor.to interface an AFDC0804with AT89C51 (8051 Microcontroller.to perform, Anolag to digital conversion of the temperature value sensed by the sensor.
- **Vehicle tracking and accident alert system:** The controller get the input from sensors and send the accident alert information to road side unit and then message is send to the rescue team and also WIFI and GPS finds location of the vehicle and that also send to the rescue team.
- **Automatic Areca nut separation machine:** Automatic Areca nut separation machine is an agriculturebased machine That is used to separate the areca nuts automatically. To implement areca nut Separation system using Raspberry pi microcontroller along with servo motor, conveyor belt etc. Areca nuts based on shape using image processing techniques with the help of camera module.

CERTIFICATES:

- Completed a course on Java full stack in Besant Technologies.
- Completed a course on Introduction to sensors through Coursera in 2021
- Completed a course on MATLAB Onramp and Signal Processing Onramp.
- Completed a course on introduction to AI tools and ChatGPT conducted by Studycafe.

INTRENSHIPS:

- Virtual Internship on Embedded systems at Emertxe Information Technologies in 2024. In this internship, I had worked on project Washing Machine simulation using PICSIMLAB with PIC16F877A.I have gained a knowledge on Embedded systems and their components, categories of embedded system, memories, timers, interrupts, etc.
- Collaborated as a Web Developer Intern at Exposys Data Labs, contributing to front-end and back-end development, optimizing user interfaces, and enhancing website performance through clean and efficient coding practices.

TECHNICAL SKILLS:

- JAVA, CSS,HTML
- Embedded C.
- C++
- Python.
- Software Tools: Tinker Cad, OrCAD P spice, LT Spic, Matlab, Kikad.

KEY STRENGTHS:

- Time management.
- Troubleshooting.
- Attention To Detail.
- Problem Solving.
- Hobbies: Watching Movies, Travelling Sport, Swimming.

LANGUAGE:

English, Hindi, Kannada, Telugu

DECLARATION:

I hereby Declare that the information given above is true and correct to the best of my Knowledge.