

KARTIK VISHNU HEGDE

S/o Vishnu V Hegde
Malige Mane, Po: Muroor, Tq : Kumta
Dist : Uttara Kannada
Karnataka, 581362

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CARRIER OBJECTIVE

To work for an organization which provides me the opportunity to improve my skills and knowledge to grow along with the organization objective. To do significant contribution to the success of the organization.

EDUCATION

Course	Discipline	College/School	Passing Year	Passing Percentage
B.Tech	Electronics and Communication Engineering	PES UNIVERSITY Bangalore	2020	8.40 CGPA Sem 1 to 5
Pre University	<i>Class-12th :</i> Karnataka State Board	Alvas PU College Moodabidri	2016	95.5
School	<i>Class-10th :</i> Karnataka State Board	Pragati Vidyalaya Muroor Kumta	2014	94.24

PROJECTS

1. Built a **Fruit Plucking robot** for JED-I(Joy of Engineering Design and Innovation) lab using Arduino Uno and image processing using opencv.
2. **Sun tracking solar panel** using AT89C51 microcontroller and LDR sensors.
3. **Cell Phone Detector** using LM358 Dual OpAmp.
4. **Air Bubble Detector** for dialysis machine using Arduino Uno and BH1750 sensor and Adafruit TSL2591 sensor under the guidance of *Dr.Manikandan.J* (CORI, PES University) .
5. **Keyboard Playing Robot** as a mini project for the course **Introduction to Robotics** . (*In progress*)
6. Implementation of **Point of Sale Transaction** using *MFRC522, RFID module*.

TRAINING AND INTERNSHIPS

- Interned at **FOSSEE, IIT Bombay** in the year 2018.
Worked on *FOSSEE-Scilab Signal Processing Toolbox* and *FOSSEE-Scilab Communication Toolbox* as a part of the *Fellowship Program* under the guidance of *Prof. Kannan M Moudgalya* and *Prof. Kumar Appaiah, IITB*.
- Participated in **Compumusic** course to produce and compose music using software Chuck.
- Participated in **IoT workshop** held at PES University by i3indya technologies.

RESEARCH PUBLICATIONS

None

TECHNICAL SKILLS

- **Programming languages :**
Python, Matlab, Verilog.
- **Software worked with :**
Atmel studio 6, Arduino IDE, Scilab, MATLAB, keiluvision 3, Git , Github , TeXWorks(LaTeX).
- **Hardware worked with :**
Arduino Uno and NANO, Firebird V robot with ATmega 2560 microcontroller, RFID Module, Various sensor interfaces.

SOFT SKILLS

1. Good in team work.
2. Hard working.
3. Languages spoken:Kannada,English,Hindi.
4. Good at time management

EXTRA - CURRICULAR ACTIVITIES

- Attended Foreign language course(German) from PES University.
- Participated in the State level quiz competition in the year 2014(in 10th standard).
- Chess player.
- Interested in Cartoon Drawing.
- Enthusiast in the field of Number Theory.

CO - CURRICULAR ACTIVITIES

1. Participated and won *Second prize* in college technical fest **Prakalpa**.
2. Attend many talks and guest lectures.
3. Attended the talk of 2017 Nobel Laureate **Kip Thorne** at ICTS, Bangalore on 11th Jan 2018.
4. Participated in Eyantra Robotics Competition 2018. *EYRC-2018 finalist*
5. Volunteered in Prakalpa-2016 held in PES university

PERSONAL DETAILS

Father's Name : Vishnu Hegde
Mother's Name : Pratibha Hegde
Sex : Male
Date of Birth : 06th November 1998
Nationality : Indian

REFERENCE

- Dr.Venkatarangan MJ
Professor, Electrical and Electronics Department
PES University, Bengaluru
Email ID : venkataranganmj@pes.edu
- Prof Rajasekar M
Associate Professor, Electronics and Communication Department
PES University, Bengaluru
Email ID : rajasekarmohan@pes.edu
- Dr.Manikandan.J
Professor, Electronics and Communication Department
PES University, Bengaluru

DECLARATION

I hereby declare that above-mentioned information is correct to the best of my knowledge and belief.

Date : 17th April 2019