

# Krupa Sindhu S

#154,  
7th cross,  
Mahalakshmiपुरam,  
Bangalore-560086,  
Karnataka

Contact:9148887198  
Email:krps123450@gmail.com



## OBJECTIVE

Dedicated, energetic and motivated team player seeking an intership position where my potentials will be fully discovered.

## EDUCATION

Examination	Year of Completion	Board	University	Percentage of marks
B.E (C.S.E)	2020 (Pursuing)	R.V. College of Engineering	Autonomous Affiliated to VTU	9.4 (CGPA: 3 semesters)
XII	2016	Karnataka State	KMWA P.U.College Bengaluru	96%
X	2014	I.C.S.E	Presidency School, Bengaluru	97.5%

## PROJECTS

### 1. Planter Bot (December 2017 to March 2018- EYRC-2017,IIT Bombay)

#### Project Objective

The planter bot traverses different zones in the given arena with the help of image processing techniques and depending on the number and type of seedlings detected in each zone, corresponding images are overlayed on the background image.

#### Role and Responsibilities

Contributed to the algorithm and code of the project

Challenges :Shadow and Glare Removal, Path and Zone Detection , Different image processing techniques for following black and white paths, Image Overlay

### 2. Continuous Care Systems (On-going project in CSE,RVCE in collaboration with Hewlett Packard Enterprise(HPE))

#### Project Objective

Abrupt changes in body conditions and health inspires the need for continuous monitoring and analysis of the human body,especially for patients with long-time illnesses.

Therefore,a coordinated,responsive system with patients and doctors that serves without delay would significantly improve healthcare and enable patients to lead a normal life.

#### Role and Responsibilities

Ideation of styling the UI for easier recognition of the current condition of the patient being monitored(Dynamic data updation,Regular report generation on the patient side application)

Challenges :Continuous updation of real time data, Getting appropriate sensors for various types of monitoring

## **TRAINING AND INTERNSHIP**

- Completed **NPTEL** Online Certification on Introduction to Modern Application Development, **IIT Madras**
- Completed Arduino training conducted by Astra Robotics,RVCE

## **TECHNICAL SKILLS**

1. Programming language : C, Java,Python
2. Microsoft Office
3. Boards : Arduino, Raspberry pi