

# Krupa Sindhu S

#154,  
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## 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

## SOFT SKILLS

1. Good verbal skills, Self-motivation, Adaptability,Time Management, Positive outlook
2. Attended workshop on Communication skills and professional ethics - Personality development program conducted by **Genesis Training** (6 days)

## EXTRA-CURRICULAR ACTIVITIES

- Former member of **Project Garuda**,RVCE-India's First Super-mileage Team.
- Current member of **Frequency Club**,RVCE.
- Currently working on a project(Continuous Care Systems) under **Hewlett-Packard Enterprise**
- Worked on college level projects:Large scale **image compression** using parallelized LU decomposition, Java (javafx,jdbc,jsp; Database : MySQL),

## CO-CURRICULAR ACTIVITIES

1. Completed the carnatic vocal junior examination conducted by **Karnataka Secondary Education Examination Board (KSEEB)**.(Scored first class)
2. An **NCC cadet** for 3 years. Attended various march-pasts including the **Republic Day parade** in Manekshaw Parade Ground,Bangalore.
3. **National Service Scheme(NSS)** Volunteer
4. A member of the **Entrepreneurship-cell,RVCE**-Been a Master of Ceremonies for various events and have been an active member in the Production and Design team of E-Cell.
5. Part of the **rotaract** club of RVCE
6. Painting and art enthusiast(Won several school and college level certificates)

## Personal Details

Name :	Krupa Sindhu S
Fathers Name :	Srinivas A N
Mothers Name :	Roopa Srinivas
Date of Birth :	9th June 1998
Gender :	Female
Nationality :	Indian
Marital Status :	Single
Languages Known :	English, Kannada, Hindi
Current location:	Bangalore