

**ROOPA.R**

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### **Career Objective**

To obtain a creative and challenging position in an organization that gives me an opportunity for self – improvement and leadership, while contributing to the symbolic growth of the organization with my Technical, Innovative & Logic skills.

### **Academic Qualifications**

Qualification	University / Board	Institution	Year of Passing	Percentage
BE (CS & E)	Dayananda Sagar University	Dayananda Sagar University	2020	8.19(CGPA)
12 <sup>th</sup>	Department of Pre University Education (Karnataka)	Sree Venkateshwara PU College	2016	74.83
10 <sup>th</sup>	Karnataka Secondary Education Examination board	Good Year English High School	2014	82.72

### **Internships**

**Organization** : Dayananda Sagar University

**Project Under Taken:** Video Surveillance

**Technology Used** :Raspbian OS, image detection ,cloud

**Description** :Implementation of wrong way detection , number plate detection  
Protocol of raspberry pi

**Duration** : 1 month

**Responsibilities** :Coding ,software based .

### **Technical Skills**

- C, C++, basics of python.
- Knowledge of MySQL.
- Project management.
- Worked with different types of sensors.
- Problem solving.
- Basics of NODE RED

### **Awards & Certifications**

- ☐ Secured certification in Technovation fest.
- ☐ A Participation Certification Of Digital Processing Image in MATLAB
- ☐ A Participation Certification of Amazon Web Server

### **Project(s)**

☐ **Project Title** : Video Surveillance for implementation of number plate detection.

**Technology Used** :Image Processing Technique

**Description** :To detect the vehicles which are violating the traffic rules using computer vision and alert the near by cops .

**Roles & Responsibilities** : Coding

**Team Size** : 4

□ **Project Title** : Explore Robot

**Technology Used** : Raspberry pi,SMTP Protocol

**Description** : To detect the obstacle and capture the video of it and send the captured video to the user's mail id .

**Roles & Responsibilities**:Design of Robot

**Team Size**: 4

□ **Project Title** : Pothole Detection

**Technology Used** : NODE RED

**Description** : Recording the GPS by GPS Tracker and taking the details of latitude and longitude and store the details in XML sheet and read the values of xml sheet using xlsx node of node red and locate the longitude and latitude values in world map and send the details to MQTT server and from this server print the address in Node red Dashboard as Pothole detected.

**Roles & Responsibilities** :Contributed in Creation of Dashboard.

**Team Size** : 5

#### **Workshops / Seminars / Trainings Attended**

- Digital Image processing Using MATLAB in Dayananda sagar university
- Personality Development from CIL
- Attended the Barcamp seminars
- Amazon Web Service in Dayananda sagar university

#### **Extracurricular Activities**

- Participated / organized a fest in Dayananda Sagar College

#### **Hobbies**

- Reading , Dancing , travelling.

#### **Personal Details**

Date of Birth	:18 <sup>th</sup> november, 1997
Mothers' Name	: Smt. Shanthi.V
Fathers' Name	: Sri. Ravi.G
Language Known	: Telugu, Kannada, English
Correspondence Address	: #637 1st cross MM garden babusapalya kalyannagar post Blore-43
PAN Card No	:EENPR7187L
Passport No	:T6544038
Aadhar Card No	:4582 3803 8090

*I hereby declare that the information given by me is true to the best of my knowledge.*

**Date**:15/02/2020

**Place**: Bangalore

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**(Signature)**