


RESUME

Pallavi H R – 211039008

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Heggadihalli, Doddaballapur, Bangalore.	Mobile : 9740130016,9113656879	
	Gender : Female	
	DoB : 02/10/1999	
	Nationality : Indian	

Objective

I am seeking a competitive and challenging environment where I can serve the organization, establish a path to help the company meet and achieve its goals and, in the process, achieve success.

Academic Projects

SOFTWARE DEFINED NETWORK(SDN) USING RASPBERRY PI.

Team Size: 2	ME First Semester Project
Description: The main objective was to develop hardware testbed to create Software Defined Network using Raspberry pi.	
Objectives: <ul style="list-style-type: none">• Converting one Raspberry Pi as SDN Switch and another one as Controller.• Interfacing between node, Switch and Controller.	

ARDUINO BASED HUMAN FOLLOWING ROBOT

Team Size: 4	Language: Arduino C	BE Final Year Project
Description: An Arduino based human following robot is a robotic cart that detects and follows the path of the human. The presence of human detected the by the ultrasonic sensor and the tracking and following is in Arduino. The robotic cart follows the human accordingly.		

FIRE DETECTION ALARM

Team Size: 4	BE 6TH SEM MINI Project
Description: Fire Detection Alarm is a prototype of an automatic fire alarm and extinguishing system. It works on the principle of detection of fire by sensing rise in temperature, using a Thermistor.	

Technical Skills

Operating System: LINUX (Ubuntu), WINDOWS

Programming Languages: C, JAVA .

Tools: Keil, Proteus, Mininet.

Areas of Interest

- Operating systems.
- Bus protocols and interfaces.

Educational qualification

Class/Course	Name of Institute	Board/University	Year of Passing	Marks%
M.E (Embedded Systems)	Manipal School of Information Sciences (MSIS)	Manipal Academy of Higher Education (MAHE), Manipal	2023	7.36 CGPA
B.E (Electronics and Communication Engineering)	Nagarjuna college of Engineering and Technology (NCET), Bangalore)	Visvesvaraya Technological University.	2021	8.4 CGPA
PUC	SBGNS PU College	Department Pre-University Education	2017	75.5%
SSLC	SJCR Vidyanikethan School	Karnataka Secondary Education Board	2015	95.04%

Certifications

- Workshop on Robotic Application using TI Microcontroller under Texas Instruments university program in association with Ed gate Technologies Pvt Let.
- Certificate of internship at Swastik Technology Bangalore, on Java.

Hobbies

- Cooking, Reading Books, Gardening, Listening Music.

Languages Known

- Kannada, English, Telugu.

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Manipal

Date:11-03-2022