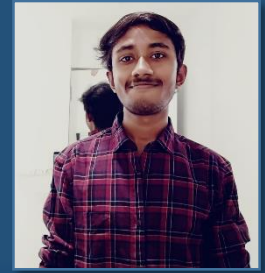


PRAFUL RAJ

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🔗 : <https://praful-raj.github.io/Personal-Site/>



- Objective :

To achieve my enthusiasm by working in an environment which encourages me to succeed and grow professionally where I can utilize my skill and knowledge appropriately.

- Academic Details :

Graduation : BTech, Electronics and Communication Engineering
Cochin University of Science And Technology

Semester	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	CGPA
GPA	8.45	8.77	9.45	9.68	9.48	9.59	9.25	9.39	9.26

Higher Secondary and Secondary Education:

Examination	Board	School/College	Year of Passing	Marks
Class 12 th	BSEB	Anugrah Memorial College	2018	61.8%
Class 10 th	CBSE	Sec. Delhi Public School	2016	9.4 (CGPA)

- Technical Skills :

C | C++ ■ ■ ■ ■ ■
Python ■ ■ ■ ■ ■
JAVA ■ ■ ■ ■ ■
HTML ■ ■ ■ ■ ■
CSS ■ ■ ■ ■ ■
HDL - VHDL ■ ■ ■ ■ ■

- Project :

🔗 **Line Follower Robot**

This robot is designed to be able to follow a black line on a white surface or vice versa without getting off the line too much and it uses interface with the sensors to make the behaviour of the robot as versatile as possible.

🔗 **Smart Travel using IoT**

The system involves the detection of potholes and humps-their geographical locations, real time value and accelerometer value. Also, this assists V2V communication protocol which makes it possible to discover and share traffic status.

- Internship and trainings :

- **Electric Vehicle Intern** at Elite Techno Groups
- **Embedded System** at Cochin University of Science and Technology
- **Brain Wave Controlled Robotics** using Arduino certified by IEEE

- **Activities :**
 - Participant at **Professional Students' Summit/2K20** by ASAP
 - Member of National Service Scheme (**NSS**) at college level
 - Volunteered in college fest **Sattva** 2020

- **Languages Known :**
 - English
 - Hindi

- **Personal Traits :** Persistence || Organized person || Self-motivated

- **Computer Skills :**
 - MS PowerPoint
 - MS Word
 - Packet Tracer
 - Tinkercad
 - MATLAB

- **Hobbies :** Playing Chess || Badminton || Listening Music || Crafts

- **Declaration :** I hereby declare that all the information furnished above is true to the best of my knowledge.

PRAFUL RAJ