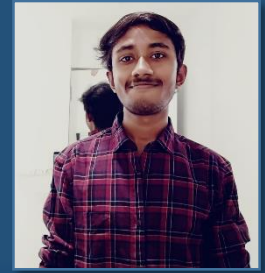


# PRAFUL RAJ

🏠 : Above PNB, Chand Chaura, Vishnupad road Gaya, Bihar 823001  
☎ : 9472947204  
✉ : praful9472@ug.cusat.ac.in  
🌐 : <https://www.linkedin.com/in/praful-raj-Ob201416b>  
🔗 : <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 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	CGPA
GPA	8.45	8.77	9.45	9.68	9.48	9.166

**Higher Secondary and Secondary Education:**

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

- **Technical Skills :**

C | C++      ■ ■ ■ ■ ■  
Python      ■ ■ ■ ■ ■  
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

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

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

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

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

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

PRAFUL RAJ