

Pratham Deepak Rao

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Summary

Currently pursuing B.Tech in Computer Sciences discipline at PES University, Bangalore. I aspire to become a professional Software Engineer in the Artificial Intelligence and Machine Learning space. I also intend to invest time in learning Blockchain technology to understand the art of the possible.

As a budding technology enthusiast, I wish to gain new experience, knowledge and skills through real-world work experience by means of internship at organizations which are investing in next generation technology to shape their offerings.

My technical skills include Python, C, HTML, Basics of Java and C++. I believe in building positive relationships with my peers with respect, dignity and humility.

Links

[LinkedIn](#)

Education

PES University

B.Tech in CSE , Bangalore, Karnataka
05/2024

- Currently in 2nd Year, pursuing B.Tech in Computer Science Engineering
- Meritorious Professor MRD Scholarship Awardee for being in top 20% of the batch in 1st sem
- DAC Distinction Awardee for being in top 40% of the batch in 2nd sem
- Current GPA after 3 semesters - 8.50

Expert Pre-University College

Science, PCMC, Mangalore, Karnataka
03/2020

- Scored 96% in 2nd Pre University Board exam with 98.66% in Physics, Chemistry and Mathematics
- Accomplished a Karnataka-CET rank of 1236 out of 1.5 lakh odd who attempted the exam.

Experience

The Trading Hub

Head of Stocks Domain, Bangalore, Karnataka
11/2021 - Present

- Head of Stocks domain of The Trading Hub, a vertical of CSE Club.
- Gave a presentation to the participants on how the Indian Stock Market functions.

ISFCR Hackathon

, Bangalore, Karnataka
10/2021 - 10/2021

- Participated in the online 24 hour Hackathon conducted by ISFCR Cybersecurity club in our college.

Projects***Sanitisation Robot***

April 2021 – September 2021

- Got selected till the product track of Cisco ThingQbator Program
- Worked together to make a sanitisation robot which uses UV rays to sanitise and reduces human labour.
- Got funding from the organisation for the parts used.

Pneumonia Detector

October 2021 – Present

- Working on detection of Pneumonia in patients using the X-Ray images.
- Training a machine learning model using Image processing to predict whether the patient is suffering from Pneumonia
- Achieved a accuracy of 90%, but still working to increase the accuracy.

Skills

- | | |
|--------------------|------------------------------|
| • Python | • C |
| • HTML | • Basics of Java and C++ |
| • Team Player | • Machine Learning |
| • Image Processing | • Basic knowledge of Finance |

Certificates

- | | |
|----------------------------------|-----------------------------|
| • Python Basics for Data Science | • Cisco ThingQbator Program |
| • C Programming | • HTML |
| • MRD Scholarship | |