Yash Varshney

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GitHub | Linkedin | HackerRank | CodeChef

EDUCATION

ACHARYA NARENDRA DEV COLLEGE   August 2018 - June 2021
Bachelors of Science Electronics   New Delhi
GPA: 8.568

EXPERIENCE

ZEEVE DEEP | Software Engineer Trainee   Noida | October 2021 – Currently

EDYST | Software Intern   Remote | June 2021 – August 2021
- Drafting problem statements regarding topics of algorithms, data structures and competitive coding. And Answering queries on Edyst chat and forums.

ACHARYA NARENDRA DEV COLLEGE | Student Researcher   Delhi | June 2019 – July 2019
- Developed a embedded electronic passenger counting system for DTC Bus using Arduino and LDR sensor. It works with the accuracy of0.85. Developed an API using PHP to receive data from Bus to server.

SKILLS

Programming Languages	Python, JavaScript, Html, Css, C++
Libraries/Frameworks	Django, Flask, NodeJs
Tools / Platforms	Git, ROS, Coppeliasim, Linux
Databases	MySQL, PostgreSQL

PROJECTS / OPEN-SOURCE

FILE SHARING APP | Link   Django, Html, CSS, SQLite
With this project I tried to create a platform where user can share the file with password protection. Build a security middleware to prevent illegal access.

DJANGO WEATHER APPLICATION | Link   Django, HTML, CSS, JavaScript and RESTAPI
Created a web application using which user can extract the real time information about weather of any city. Used Openweather API to extract the information.

R.T.P.C.S | Link   Arduino, PHP, C++, MySQL
With this project I made a attempt to create full stack IOT product using which passenger of DTC bus can know the number of passenger in incoming DTC bus and location of all incoming DTC bus in real time.

BALL BALANCING PLATORM | Link   Coppeliasim, Lua, Python, OpenCV
This is simulation based project which built during Eyrc 2020-201. We got 6th rank(AIR) in our assigned theme(Nirakshak Bot). Developed ball balancing model in Coppeliasim from scratch. Applied Image processing to identify ball color, to get ball location on table. Used BFS to make path in maze and PID script to traverse ball on table

RESCUER | Link   ROS, Python, OpenCV
This is a robotics project which built during Eyrc 2019-2020. We got 35th rank(AIR) in our assigned theme(Survey and Rescue). We programmed the drone to work according to the situation.

HONORS & AWARDS
- 3* Coder on CodeChef
- Global 318 rank in March Lunchtime 2021 on CodeChef