

DEEPANSHI JAIN

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INSTITUTIONS INNOVATION COUNCIL - HEAD | IIT BOMBAY E-CELL CAMPUS EXECUTIVE

FRONT-END DEVELOPER | CODING ENTHUSIAST

EDUCATION

- ❖ COMPUTER ENGINEERING | BENNETT UNIVERSITY 9.64 (1ST Yr. CGPA) | 2022-2026
- ❖ XII (CBSE) | PRADHAN PUBLIC HIGHER SEC. SCHOOL 93% | 2022
- ❖ X (ICSE) | ST. PATRICK'S JUNIOR COLLEGE 97.8% | 2020

PROFICIENCY

- ❖ DSA IN JAVA
- ❖ HTML , CSS , JAVASCRIPT
- ❖ DATA ANALYSIS USING PYTHON
- ❖ PUBLIC SPEAKING
- ❖ MICROSOFT TOOLS

PARTICIPATION

- ❖ 9TH RANK IN KAVACHH HACKATHON | 2023
- ❖ SMART INDIA HACKATHON | 2023
- ❖ FLIPKART GRID 2.0 AND ACCENTURE INNOVATION CHALLENGE | 2023
- ❖ COLLEGE RANK 6 & AIR 3940 IN CODEKAZE CODING NINJA CONTEST | 2023
- ❖ ORGANIZED AND MANAGED VARIOUS COLLEGE EVENTS. | 2022,23
- ❖ 1ST PRIZE IN MATHEMAGIC INTER SCHOOL MATHEMATICS OLYMPIAD | 2019
- ❖ 1ST AND 2ND RUNNER UP IN INTER SCHOOL BADMINTON COMPETITION | 2018,19

PROJECTS

❖ **HELP ♀ HER : Using DSA in C++ and Four-Square API**

Menstrual problems are common among females, The exigent need for medical shops and clean washrooms deserve careful evaluation as these problems affect the daily routine and quality of their lives. The work of finding the nearest medical shop and washroom according to the immediate need can be a tedious task. We designed an algorithm which can take the preferences from the user and provide the best route to reach the desired location as soon as possible according to their preferences from the current location within a certain radius . This eliminates the extra task of researching a place and helps the user to visualize the places according to the preferences in real time. This uses foursquare API to fetch the data for the locations and Various Data Structures And Algorithms in C++ to get the desired result . The Map that is formed is visualized in a browser and can be saved for future use.

❖ **SPAM ALERT SYSTEM : Using Python and Machine Learning**

Designed and implemented a system that, using information from end users, and using exploratory data analysis can analyze and confirm the origin of every incoming call, SMS, or email. Whether the source is real or spam, the solution is able to identify it. Additionally, based on the input from the audience, the solution ought to produce a risk assessment for incoming calls, SMS, and emails.

❖ **SIKSHA SAMADHAN : Learning Made Fun**

This project aims to maximize involvement of students in rural areas in studies and learning. It not only focuses on bookish knowledge. Focus on interactive and creative learning. We have designed an interactive website which will attract students and they will enjoy studying. We have games and other educational quizzes. We also have reward sections which they will redeem once they get points by attempting Quizzes and Games. We will also allot some executives from urban regions or interested people to brand our program in rural areas. We have an AI Chat Bot to help users. Our website can be utilized to provide a good learning environment and to entice students to study. Our redeemed points feature will help incentivize students to participate in educational quizzes, games and activities. The website implements non-formal education activities, allowing for skill development. Our website can be used to keep rural areas digitally connected and to bridge the rural digital divide.

❖ **IMAGE AUGMENTATION : AN AR BASED PROJECT**

The image augmentation project enhances data for machine learning by applying transformations to images. By introducing changes into the dataset, these transformations—such as rotation, scaling, and flipping—improve the efficiency and resilience of the model. The objective is to improve the model's ability to generalize other circumstances by increasing the diversity of training data. It uses web scraping .

❖ **SENDIT : Courier Service Based Application**

Deliveries are made easier with the help of the "SendIt" courier delivery website, which offers a user-friendly online platform for sending and receiving packages. SendIt specializes in dependable and effective courier services, giving customers a smooth, worry-free package sending and tracking experience.

CERTIFICATIONS

- ❖ IBM DATA ANALYST PROFESSIONAL CERTIFICATE PROGRAM - IBM | 2023
- ❖ DATA STRUCTURES - University Of California San Diego | 2023
- ❖ PYTHON FOR DATA ANALYSIS : NUMPY & PANDAS - Coursera | 2023