

# PRIYANKA MEHTA

Computer Science And Engineering Student

+918447699107 | mehtapriyanka1pm@gmail.com

## EDUCATION

**Bennett University**

2018 – 2022

**Bachelors in Technology**

. Major: Computer Science

## PROJECTS

### HOTEL MANAGEMENT SYSTEM

**Aim:** The aim of the project was to ease out the hotel reservation process near the college Bennett University

**Technologies Used:** Tkinter, Python

**My role:** My role was to handle the frontend part that was to create the Graphical User Interface(GUI). Python offers multiple options for developing GUI (Graphical User Interface). Out of all the GUI methods, tkinter is most commonly used method therefore I used tkinter.

I made a Personal details' page wherein the user will be asked to enter his or her details like Name, No. of rooms to be booked, type of room, etc. These details will then be stored in the database.

**Future Scope:** We are planning to make a proper android application (using python + kivy) or web application (using flask) for the hotel reservation system.

### SIGN LANGUAGE DETECTION

**Aim:** The aim of the project was to ease out the communication process between us and people with special needs by converting the sign language into text.

**Technologies Used:** Python

**My role:** Being amateurs I made a very basic sign language detection algorithm. In my project I am trying to detect what the person is trying to convey using sign language in a video.

**Future Scope:** I am planning to make an Android application using Android Studio or Python and kivy which will store and recognize all the gestures made by the user. Further I am planning to implement a two way communication process where additionally we will build module to convert text into sign language as well.

### DOG BREED IDENTIFICATION

**Aim:** The aim of the project was to make an application in which the user can know the breed of the dog(s) in the image selected by the user from the gallery.

**Technologies Used:** Python, Android Studio

**My role:** My role to make a login application using android studio wherein the user after logging in can select the image of the dog from the gallery and know the breed.

**Future Scope:** We are planning to extend this application by adding features like the medical treatment including medicines a dog of particular breed should get in case of emergency.

## **WOMANIA : A WEB APPLICATION FOR WOMEN**

**Aim:** The aim of the project was to make a web application for women safety and awareness which can only be accessed by women. The application will contain different modules/features like a chatbot, a posting website, etc.

**Technologies Used:** Python, HTML, CSS, JAVASCRIPT

**My role:** My role was to create a web site where women can post any advices, suggestions for other users to read regarding women safety. I also took care of the fact that only legitimate suggestions/advices are getting posted on the website. This feature was just to avoid users from reading irrelevant posts.

**Future Scope:** We are planning to extend this application by adding features/modules like telling the user the safest route from the source to the destination, an safety alert which when pressed will send a message to the selected contacts and the nearest police stations.

## **EXTRA COURSES TAKEN (WITH CERTIFICATION)**

- . Build Responsive Real World Websites with HTML5 and CSS3-Udemy
- . Python Flask for Beginners: Build a CRUD web app using Flask-Udemy

## **SKILLS**

- . Analytical and Strong Problem Solving Mindset
- . Like to solve real life problems

## **LANGUAGES AND TOOLS**

- . Python, Java, C++
- . Android Studio, Eclipse
- . HTML, CSS, JAVASCRIPT

## **AREAS OF INTERESTS**

- . Machine Learning
- . Android Development
- . Web Development

## **HOBBIES**

- . Music (playing, listening)
- . Writing