

# SHREYA SAHAY

ELECTRONICS AND COMPUTER SCIENCE STUDENT

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## EXPERIENCE

### **GirlScript Summer of Code, Remote — Open Source Contributor**

MAY 2023 - AUG 2023

Contributed to Open Source Projects of various development levels.

Skills : Machine Learning , Computer Vision , Documentation , Web Development , Python (Programming Language)

### **Google Developer Students Club ,CRCE — Joint Lead**

JUL 2023 - PRESENT

Core Team Member of the Club

Skills: Management , Public Relations and Marketing

### **— Graphic Design Associate**

JUL 2022 - AUG 2023

### **ACMEGRADE — Machine Learning Intern**

MAR 2022 - MAY 2022

TRAINING AND INTERNSHIP IN MACHINE LEARNING

## EDUCATION

### **Fr.CONCEICAO RODRIGUES COLLEGE OF ENGINEERING, MUMBAI — B.E in Electronics and Computer Science**

DEC 2021 - JULY 2025

CGPA - 8.08

### **IIT MADRAS -Online BS Degree in Data Science & Application**

MAY 2022 - PRESENT

Currently enrolled in the Foundational Level of the program.

## SKILLS

C- PROGRAMMING LANGUAGE  
PYTHON  
FLASK  
GOOGLE CLOUD PLATFORM (GCP)  
DESIGN  
PUBLIC RELATIONS .  
SQLITE3  
HTML/CSS/JS  
REACT JS & Node.js  
OpenCV  
System Verilog

## CERTIFICATIONS

Training In Machine Learning  
Getting Started with Terraform for Google Cloud .  
Fundamental Data Structures & Algorithms using C language  
Google Cloud - Perform Foundational Infrastructure Tasks .  
Google Cloud - Set Up and Configure a Cloud Environment in Google Cloud  
Google Cloud - Create & Manage Resources

## PROJECTS

### Workaholic — FEB 2023

The Work-Connect is a Web App that helps daily-wage workers to connect with various clients in their locality. Through this web app the client can post an issue/request (e.g, request to repair taps, change fans or request for maid service, etc.). This will be a type of platform for various clients who are in need of workers or vice versa. The application will have 3 modules, Admin, Workers and the Clients.

Technologies used - FLASK ,FLASK SOCKET-IO ,HTML/CSS/JS,OPENSTREETMAP , LEAFLET.JS ,PYTHON

### ML DRUG REVIEW SYSTEM — MAY 2023

*In this Project , I have done the following things as follows:-1.Data Cleaning , EDA, 2.Text Preprocessing,3.Text Classification / Feature Extraction (Bag of Words -BoW,4.Model Building (XGBClassifier).*

*Technologies used - PYTHON , NLP/NLTK , SEABORN and etc.*

### GDSC-CRCE Website — JUNE 2023

Created a personalized website for the community of GDSC-CRCE that helps students in connecting with student developers and to create projects with them.

Technologies used - React Js , Node.js ,Tailwind css ,Vercel app

### FACIAL EXPRESSION TO EMOJI AVATAR — JUNE 2023

In this project, I have created a CNN model which detects facial expressions of Users and convert it into Avatars .

Technologies used - Python , Keras , Tensorflow , PIL , tkinter and etc.

### Meme Battle Game — JUNE 2023

*In this game, 2 players can play together and battle on the basis of memes generated in their respective containers*

*All the Memes used - are collected from the net , User can add their own memes in the players folders. The game works on the principle that it generates a random situation and the person who generates a meme related to it wins or if that's not possible then the person with 5 memes wins and the game restarts.*

Technologies used - HTML / CSS and JS , Bootstrap

**ML PROJECTS** - Made a range of projects related to Machine Learning :- Breast Cancer Detection , Gold Price Prediction, Spam detection and etc. and Computer Vision Projects like Filters and etc.

## ACHIEVEMENTS

### UNSCRIPT ROOKIES

**HACKATHON 2023**- Ranked 4th in the Top 6 Teams of the WEB DEV domain.

**STRATAGEM 2K23**-Ranked in the Top6 teams .

## LANGUAGES

ENGLISH

HINDI

## PROJECTS (work in progress)

**Regional Speech Language Detection Model for Hindi Language** - Deep Learning Research Based Project (JULY 2023-present)

**Course Outcome Management System for ECS faculty** - A HTML/CSS and JS website running on a PHP server (AUG 2023-present)

**YTNB** - A Study Meet & Greet Web App for students to jam together for study sessions and resource sharing (JULY 2023-present)

Technologies Used - React JS , Express JS , Node.js , WebRTC

