



<https://www.linkedin.com/in/colddsam/>

<https://www.instagram.com/colddsam/>

<https://github.com/colddsam>

<https://colddsam.medium.com/>

<https://in.pinterest.com/colddsam/>

<https://colddsam.vercel.app/>

## PROFILE INFO

A tech enthusiast with the passion of Machine learning and Graphic Designing. Currently I am in 3rd year of my BTech journey in Electronics and Communication Engineering. Looking for an opportunity to grab an internship on Machine Learning Field. I hope my quick learning, leadership, communication skill, critical thinking skill will help me to get this position. I attaching my LinkedIn and GitHub profile where anyone can see my projects and achievements.

# SAMRAT KUMAR DAS

FRONT END DEVELOPER / ML ENTHUSIAST

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Baranagar, Kolkata

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## MY SKILLS

### HARD SKILLS

- Web Designing
- ML model building
- Video Editing
- Graphic Designing
- PR Management

### SOFT SKILLS

- Communication Skill
- Leadership skill
- Quick Learning ability
- Problem solving
- Critical Thinking

### LANGUAGE SKILLS

English 90%

Hindi 80%

Bengali 95%

## PROJECTS

DEC 2022

### POKEMON CARD WEBPAGE

HERE I TRY TO CREATE A BASIC WEB PAGE OF POKEMON CARDS USING HTML & CSS.

JAN 2023

### VIRTUAL ASSISTANT

I CREATED A VIRTUAL ASSISTANT WHICH CAN DO ANY TASK THAT YOU WANT IN YOUR PC.

## WORK EXPERIENCE

MAR 2020

OCT 2021

### PR MANAGER

- During the covid period i successfully host various virtual webinar to aware people about covid
- I also successfully manage the PR department of many social media pages during this period.

JAN 2021

NOV 2021

### T-SHIRT DESIGNING

- During this 11 months I work as a T-Shirt designer.

AUG 2022

FEB 2023

### ML MODEL ON SKIN CANCER DETECTION

- It is a group project where we trying to create a ML model to detect skin cancer in early stage.

DEC 2022

JUN 2023

### CAMPUS AMBASSADOR

- I was appointed as a campus ambassador of IIT Madras in our college campus.

JULY 2023

### BLOG WRITING

- I started my journey on blog writing this year.
- Currently I posting my blogs on my [Medium](#) profile, mostly on machine learning and IoT based topics.

## MY ACHIEVEMENTS

AUG 2022

### ENTREPRENEURSHIP AWARENESS CAMP

- Secured 2nd place in EAC organized by EDC cell of our college with collaboration with Department of Science & Technology and Biotechnology (DSTBT), Govt. of West Bengal

FEB  
2023

### SPOTIFY UI

IT IS CREATED BY USING SIMPLE HTML AND CSS. HERE I TRY TO IMPLEMENT SOME MORE BASIC TOOLS LIKE LIVE LYRICS SYSTEM AND AUTO ADJUSTABLE TO IMPROVE USER INTERFACE OF THE APPLICATION. I WILL ALSO TRY TO IMPLEMENT SOME MORE BASIC JAVA SCRIPT FEATURES IN FUTURE TO MAKE THE USER INTERFACE MORE BETTER.

MAR  
2023

### SCANNER

IN THIS PROJECT I USED SIMPLE ML ALGORITHM TO CREATE A SCANNER. BASICALLY IT IS A SIMPLE OBJECT DETECTION PROJECT.

APRIL  
2023

### SIGNLANGUAGE DETECTION

IN THIS MODEL. HERE WE DEALING FOR BOTH CONDITION. FOR A NORMAL HUMAN WITH A DEAF AND VICE-VERSA. MEANS WE HAVE 2 MODELS IN ONE PROJECT. SIGN LANGUAGE TO SPEECH CONVERSION B>> SPEECH TO SIGN LANGUAGE CONVERSION

JUNE  
2023

### WEATHER FORECASTING

IN THIS PROJECT WE CREATED PYTHON OR MORE SPECIFICALLY TKINTER BASED APP OF WEATHER FORECASTING. WE USED OPEN WEATHER API TO GET THE WEATHER INFORMATION.

JULY  
2023

### CHAT BOT

I CREATED A CHATBOT BY NEURAL NETWORK FORM PYTOURCH LIBRARY FOR A TELEMEDICINE WEBSITE. IT IS HELPFUL FOR THE CUSTOMER TO DETECT AND MORE SPECIFY ABOUT THEIR DISEASE.

AUG  
2023

### AUTOMATED-QR

IT IS MY FIRST VERSION OF QR CODE LOGIN SOFTWARE. WHERE YOU CAN MAIL EVERY PERSON FROM GOOGLE FORM REGISTRATION FOR AN EVENT AUTOMATICALLY WITH UNIQUE ID AND BARCODE TO EVERYONE.

DEC 2022  
JUN 2023

### CAMPUS AMBASSADOR IITM

- Successfully appointed as a campus ambassador of IIT Madras in our college campus

APRIL 2023

### HOUSE OF HACKERS

- 2023 started with participating in House of Hackers event organized by IIIT Ranchi.
- Here we created Sign language to Speech conversion model also the vice versa model means speech to sign language conversion in a single project. We used Convolution Neural Network for making the first model and used tkinter to make the app

MAY 2023

### SRM 4.0

- I also participated in SRM 4.0 hackathon in 2023 organized by SRM UNIVERSITY, Amaravati.
- Here I created a more advanced model of sign language prediction using LSTM model.

JUNE 2023

### FASTEST CODER HACKATHON

- On June 2023 I also participated in Fastest Coder Hackathon powered by GitHub Copilot and sponsored by Microsoft Azure.
- Here I created a simple weather forecasting App using python packages like CustomTkinter we also used open weather API for this project to fetching the weather details.

JULY 2023

### FIRST PAPER PUBLISHED

- This year our first on skin cancer detection has finally published on Proceedings of Advanced Analytical and Computational Electronics.
- In this paper we discuss how we can use HAM-10000 database images and proceed it in AlexNet architecture to produce High accuracy detection around 97% of melanoma.
- Our paper name is: DEEP LEARNING APPROACH FOR THE DETECTION OF SKIN CANCER SK-HAM-CNN
- ISBN: 978-93-89817-97-3

AUG  
2023

## TEXT-BASED-SENTIMENT-ANALYSIS

IN THIS PROJECT I TRIED TO MAKE A LSTM MODEL TO ANALYSIS DEPRESSION BASED TEXT, FOR THIS I USED RERDDIT MESSAGE DATABASE FROM KAGGLE. IT HAS OVER 5000 MESSAGE WITH POSITIVE AND NEGATIVE LABEL. POSITIVE MEANS THE TEXT IS DEPRESSION BASED AND NEGATIVE MEANS THE TEXT IS NORMAL.

SEP  
2023

## PROFILE-CARD

THIS IS MY FIRST RESPONSIVE PROFILE PLATE MADE WITH NORMAL HTML, SCSS, THERE I INCLUDED MY SKILLS, SOCIAL MEDIA LINKS AND BIO. SUGGEST ME HOW CAN I MAKE IT FURTHER.

SEP  
2023

## PORTFOLIO

IT IS A STATIC PORTFOLIO WEBSITE WHERE USING THE INDEX.HTML FILE IS THE ROOT HTML FILE. IT HAS 5 SECTION ABOUT, SKILLS, EXPERIENCE, PROJECTS AND CONTACT.

OCT  
2023

## EVENT-REGISTRATION-APP

THIS PROJECT IS MADE FOR CREATING A EVENT MANAGEMENT APPLICATION USING FLUTTER, WHERE IT UPDATE A GOOGLE SHEET IN REAL TIME ACCORDING TO THE ATTENDE. WE CAN UPDATE OR DELETE ENTRY FORM THE GOOGLE SHEET THROUGH THE APPLICATION

DEC  
2023

## QUERYBOT

THE APPLICATION USES THE WEB SPEECH API TO CONVERT AUDIO SPEECH TO TEXT. THE TEXT IS THEN TRANSLATED INTO A DIFFERENT LANGUAGE USING THE GOOGLE TRANSLATE API. THE TRANSLATION IS THEN PASSED TO THE GOOGLE GENERATIVE AI API TO GENERATE A RESPONSE. THE RESPONSE IS THEN DISPLAYED IN THE TEXT BOX AND CAN BE COPIED TO THE CLIPBOARD.

JULY 2023

## HACK 4 BENGAL

- I participated with our team Dark Phoenix in [Hack4Bengal 2.0](#), eastern India's largest hackathon.
- created a telemedicine website with chatbot implementation.
- It was running on top of the flask framework.

AUG 2023

## INTERNSHIP IN ASIANA TIMES

- I got the opportunity to do an internship on Graphics Designing on Asiana Times
- Here my task is to make infographic posters

OCT 2023

## GRAPHIC DESIGNER AT GDG DURGAPUR

- This year I appointed as a graphic designer in GDG Durgapur for upcoming DevFest 2023.
- I created their t-shirts design, Logo and Speaker Banner

DEC 2023

## BUILD FOR BHARAT HACKATHON

- I participated with my friend in the Build for Bharat Hackathon where I created a querybot which have functionality to convert and process any Indic language and response according to it.
- In this project our team created a E-Commerce website where we attached the Indic Language processing functionality

DEC 2023

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DEC  
2023

### SMTPAPI

SMTPAPI PYTHON PROGRAM SENDS EMAILS USING SMTP PROTOCOL. IT INTEGRATES WITH FASTAPI TO ALLOW SENDING EMAILS WITH CUSTOM CONTENT VIA A REST API.

JAN  
2024

### LOCALSTORE

LOCALSTORE IS A PYTHON LIBRARY THAT PROVIDES VARIOUS OPERATIONS ON A LOCAL DATABASE OF PRODUCTS, WHICH CAN BE USED TO STORE AND MANAGE INFORMATION ABOUT ITEMS IN A LOCAL STORE INVENTORY.

JAN 2024

### **CORE TEAM MEMBER OF HACK4BENGAL**

- I am appointed as a core graphics team member of Hack4Bengal 3.0 Team this year.