

## EDUCATION

### Bachelor Of Engineering Jadavpur University

08/2020 - 05/2024

Kolkata , West Bengal

Branch

- Computer Science And Engineering(Average CGPA: 8.7/10)

## PROJECTS

### Konttho (2021)

- A platform which converts human sign-language to human voice using deep learning and OpenCV.Link will redirect to devfolio website where the project is submitted.Increased accuracy to 98% even in dim light. Tech Stack : 1. Flask 2. Python 3. OpenCV 4. Sklearn 5.SQLite

### Health eConnect (2021)

- A messaging app using React with anonymous feature, profanity filter and private chat channels to enable better communication without any obstacles.This has been implemented using NLP Tokenizer. Tech Stack: 1. Tensorflow 2. React JS(Frontend) 3. Firebase(Database)

### Counterfeit product detector using Image processing and NLP (2022)

- Our project was a counterfeit detector using Image processing and NLP. Using these predictions, we flagged the counterfeit products. We also built a website for the same.

### MindChat (2021)

- Mental Health App which has multiple features like smart prescription, online forums ,private chatrooms ,heuristic analysis using IBM Watson API. Designed the chatrooms and online forums. Designed the chatbot with over 95% accuracy . Tech Stack : 1. Django(Backend) 2. React JS(Frontend) 3. Firebase and MySQL(Database)

## WORK EXPERIENCE

### SDE Intern Amazon

05/2023 - 07/2023

Hyderabad

Worked with Integrated Management Team(ESI Org) , Amazon Business.

Tasks

- Worked on the Catalog Management Tool for Amazon Business.
- Created the UI and defined the infrastructure along with the backend functionalities.

## SKILLS

Python

C++

C

Dart

Flutter

Django

Tensorflow

Javascript

CSS

HTML

React

Firebase

Java

Flask

OpenCV

Node Js

Linux

Algorithms

Adv Data Structures

## ACHIEVEMENTS

### 1st Runner Up Hacktober Hacks 2021

### 2nd Runner-Up in Amazon HackOn 2022 Season 2

### 2nd Runner Up in RedBus IIT Kharagpur Data Science Hackathon 2021

Our project was a Leader-follower price setter prediction from a given time-series data of prices using Machine Learning.An average of 90% accuracy was achieved on the RedBus Dataset.

### 1st Runner Up Enosium IIT Indore 2021

Developed a more accurate algorithm to detect heart rate, breath rate, bed occupancy, motion artefacts and individual heartbeats from ballistocardiographic data(BCG). Tech Stack: 1. Tensorflow

### Top-20 in IndoML2021 by ShareChat(Kaggle)

Multilingual abusive comment detection using natural language processing.Used BERT based transformer in order to increase the accuracy to 90%.

## COMPETITIVE PROGRAMMING

### 5\* On Codechef (08/2021)

### Snackdown 2021: Qualified Pre-Elimination with a rank of 735 global

### Qualified Google Code Jam 2022

### Top 5k in Google Hashcode 2022

## CERTIFICATES

Flutter & Dart - The Complete Guide [2022 Edition] (Udemy)

Python and Django Full Stack Web Developer Bootcamp(Udemy)

Deep Learning Specialization(Coursera)