

SOUMIK KABIRAJ

+919073235313 | soumik.kabiraj@gmail.com | 91/25A (Tollygunge Road) Kolkata- 700033

EDUCATION:

❖ Vellore Institute of Technology | 2020-2024

Bachelor of Technology (Computer Science) - CGPA 8.84/10

❖ Nava Nalanda | 2019-2020

Class XII (WBCHSE) - 91.8%

❖ Nava Nalanda | 2017-2018

Class X (WBBSE) - 90.43%

TECHNICAL PROFICIENCY:

C, C++, SQL, HTML, CSS (Bootstrap), PHP, R, JavaScript, Python, Java, Figma

PROJECTS & WORK EXPERIENCE:

❖ Sentiment Analysis using R

Performed sentiment analysis on Twitter Data based specifically on COVID-19.

- Created multiple visualizations using the ggplot2 library and obtained inferences accordingly.
- Analyzed intensity and sentiments behind the tweets using the lexicons dataset.
- Analyzed prominent emotions and the most frequent words depicting them using NLP fundamentals.

❖ Part-time Job Finding Website

Efficient & helpful for College Students to get part-time jobs. The same website was designed in a way such that anyone can post jobs that need to be done and how much he/she is willing to pay for them. At the same time, another person can take the job and will be paid once done.

- Used HTML CSS & JS to build the whole website.
- It was a responsive website capable of running on all devices.
- Had Login Profile details and a history of jobs done or posted.

❖ Contactless Mask Dispenser

Developed a contactless mask dispenser as an innovation to prevent COVID-19 (*approved*)

- Built the circuit using Arduino.
- IR and UV sensors were used to detect a person approaching.
- This then dispenses the mask based on the signal provided.

❖ Online Food Ordering Website

Developed a web application to order food from nearby restaurants.

- It is an end-to-end responsive website.
- It has a full-fledged Admin setup that --
 - Controls the restaurants, category of food, Menu, Order, and customers.
 - Gives monthly statistics of new customers, income, and the number of orders.

POSITION OF RESPONSIBILITIES

❖ Committee Member – SEDS Antariksh

❖ Editor and Designer – Rotaract Club

❖ Committee Member – Resource X

PUBLICATIONS

❖ Contactless Mask Dispensing System (under review).

VOLUNTEER EXPERIENCE

❖ Volunteered in teaching in various orphanages and government schools.
organizing social events at NGO.

❖ Conducted events like Stargazer for SEDS and Rotaract.

COURSEWORK

Probability & Statistics, Calculus for Engineers, Data Structures & Algorithms, Data Analysis & Algorithms, Computer architecture & organization, Digital logic & design, Database management systems, OOPS (Java, C++), Network & Communication, Operating Systems, Software Engineering, Discrete Mathematics, and Graph Theory, Microprocessor & Interfacing, Social Network Analysis, Data Analysis.