

SAAMIYA AHSAN

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EDUCATION

Bachelor of Technology in Electronics & Communication
Faculty of Engineering and Technology, Jamia Millia Islamia ,New Delhi
CGPA - 9.95/10 GPA – 3.98/4
Dec , 2020 to present

- **Programming Coursework:** Data Structures and Algorithms ,Object Oriented Programming,DBMS, Analysis and Design of Algorithms, Computer Networks
- **ECE CourseWork :** Logic Design , Computer Architecture, Digital Signal Processing, Control Systems

WORK EXPERIENCE

Mentee May 2023 – June 2023

Codess .Cafe

- A non profit women organization to empower and providing a right platform for a girl to pursue a career in tech domain. Being a part of this organization enabled me to explore various **tech domains** through series of workshops and thereby choosing the right set of domain
- Through these workshops got the chance to explore **open source** domain , software engineering domain from the various tech girls.
- The result of these meetings were 98% success.

Research Intern

June 2022 –Jul 2022

DESIDOC, Defence Research and Development Organization

- Worked individually on the machine learning algorithms to demonstrate the complexity and efficiency of various **clustering algorithms**.
- The research was based on the **analysis of seismic zones of India** using **grid growing algorithm**. The accuracy of the result was obtained as 95% in accordance with the actual data

PROJECTS

PERSONAL PORTFOLIO

code : [saamiyaahsan](#)

- Fully responsive website using HTML , CSS and Javascript which is being deployed on netlify.

FOOD VLOGZ

code : [Food VlogZ](#)

- A group based DBMS project in which I was working as the frontend **developer**. I was responsible for creating the home page , **UI – UX** designing of the pages .
- I collaborated with other developers in order to obtain the best design of the website. This website is responsible for generating the recipe of the food items through the **backend** and displaying it on the **frontend**.
- Utilized : **HTML , CSS , Javascript , Bootstrap , Figma , NodeJs , MySQL**

CROP RECOMMENDATION SYSTEM

code : [Crop Recommendation](#)

- A duo based project in which I worked as the web developer. I am responsible for designing the various webpages of the website , UI-UX designing.
- I collaborated with ML developer to connect the backend with the front end and connecting the website with the Machine learning pipeline using the ML trained model. Currently working on the user authentication part of the website.
- Utilized :- **HTML, CSS, Python, Flask, GIT, Machine Learning**

CHATBOT

code : [ChatBot](#)

- An individual personal project which I created a chat based application using the API which is responsible for generating the response of the message using the set of stored commands through machine learning algorithms and trained model.
- Utilized : **HTML , CSS , Python , Flask , API**

WEATHER APP

code : [Weather App](#)

- An individual personal project which can generate the real time weather conditions of any area including the whole world. This project uses Weather API for the real time demonstration of the weather conditions including temperature and other atmospheric conditions.
- Utilized:- **HTML, CSS, Python , Flask , API**

QUIZ APP

- A personal project which employs the use of **REACT HOOKS** along with the **Context API** . This project is quiz based web application in which user can play a quiz by answering set of questions and can the score at the end.
- Utilized :- **HTML, CSS, REACT JS, API**

ACHIEVEMENTS

- LeetCode handle: [saamiya_ahsan](#)(3 star)
- GeeksforGeeks handle : [saamiyaa835](#)
- Hackerrank handle : [saamiyaa835](#)
- 900+ problems solved on various coding platforms
- Qualified hiring challenge of GE Digital through Women Codeathon in June 2023
- Tech Gig Code Gladiators Semi Finalist 2023
- 2nd year Topper in ECE branch with CGPA of 10
- 3rd year 5th sem CGPA : 10/10
- Qualified the Tally CodeBrewers 2023 coding round (in progress)

TECHNICAL SKILLS

Languages C/C++ , Python , SQL(MySQL)

Web Development HTML , CSS , Javascript , ReactJs(Beginner)

Machine Learning (Beginner) OpenCV, Flask

Version Control Git , Github