



ANKANA DAS

Kolkata, India

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Education

Netaji Subhash Engineering College
Bachelor of Science in Computer Science

2020–2024

SGPA: 8.83

Patha Bhavan
Higher Secondary Education

2018–2020

Percentage: 75.6

Bidya Bharati Girl's High School
Secondary Education

2012–2018

Percentage: 76.28

Projects

Real-Time Speech Recognition & Voice Assistant | *Python, NLP, Assembly AI*

[Link](#)

- Real-Time Speech Recognition & Voice Assistant project in Python , achieving accurate speech-to-text transcription through Assembly AI's speech recognition capabilities.
- Natural language processing (NLP) for understanding and interpreting user queries.
- Voice assistant functionality for tasks like weather checks,browser access, music playback, and information retrieval.

REAL TIME WEATHER EXTENSION | *HTML, JavaScript ,CSS, WeatherAPI*

[Link](#)

- The purpose of this project is to create a browser extension that provides users with up-to-date and real-time weather information for their current location or any specified location.
- The project integrates with weather APIs , such as WeatherAPI,to fetch real-time weather data for the specified location at a particular time.
- It displays information like temperature, humidity, wind speed, and weather conditions.

STOCK MARKET PREDICTION USING SENTIMENT ANALYSIS | *Group Project*

Ongoing

- This project involves Stock market prediction leveraging data analysis, statistical models, and machine learning to anticipate and forecast future movements in stock prices and market trends using sentiment analysis.
- Algorithms to be implemented are SVM, KNN, RNN, LR. Model training done on historic data clubbed with sentiment scores from microblogging sites (Twitter, Stock Twist).
- Sentiment Score generated using tools such as TextBlob and Vader.

Skills

Languages & Frameworks: C/C++, HTML, Python, CSS, JavaScript, Mongoose

Database Management: MySQL, Relational Database, MongoDB

Research & Planning: Git/GitHub, Identifying Problems, Planning Layout, Data, Analytical & Problem-Solving Skills, Communication and Interpersonal Skills

Fundamentals: Object-Oriented Design, Data Structures & Algorithms , Problem-Solving & Complexity Analysis

Familiar with basic algorithms of Machine Learning & AI .

Soft Skills: Problem solving, Communication & Interpersonal Skills, Teamwork & Analytical skills, Adaptability, Attention to detail.

Position of Leadership / Extracurricular

KAVACH Regionalist 2023

April 2023

Cybersecurity all India hackathon by government of India

- Project - Spam Alert System
- Was part of 5 members and developed client-side of the project.
- Tools used for project: Python , NLP , PyTorch , TensorFlow, MySQL , AWS, HTML , CSS, JavaScript, React.

Co-Relations Head of Tech fest Avenir 2023

May 2023

Avenir Tech Fest

NSEC

- Managed a group of 25 volunteers.Assigning their tasks and activities throughout the three day fest.
- Organized meetings and time schedules for the events and looked over the queries of a member or participants.