Ayaan Gani

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GitHub | LinkedIn | Leetcode

Education

Thadomal Shahani Engineering College	Mumbai, India
Bachelor of Engineering in Artificial Intelligence and Data Science; CGPA: 9.4/10	Jan. 2021 - Present
Mother Mary's Junior College	Mumbai, India
HSC: 81%	Jun. 2017 - July. 2020

Work Experience:

Data Science Intern @Sparks Foundation   Dec 2021 - Jan 2022

- Developed a sentiment analysis model for filtering hate comments on social media using Natural Language Processing.

- Tokenized the comments and used Porter Stemmer to reduce word inflections. Generated the TFIDF score of the corpus and used extremely Randomized Trees to reduce the bias in the training data. Achieved an accuracy of 84.3% with the help of Scikit-Learn's Ensemble Library.

- Tools used: NumPy, Pandas, Scikit-learn, NLTK.

Projects

ShareMe (Machine Learning) | GitHub

- Led a team of student developers in Rubix Hackathon 2023 and developed a blogging website where users can upload, explore, and create new blogs.
- Implemented a recommendation system for related blogs, summarization and paraphrasing of the blogs, a sentiment analysis model for hate comments, and a speech to Text Recognizer.
- Tech Stack: React.js, Sanity, Firebase, and various npm packages.

Altex Exchange (Blockchain) | GitHub | Link

- Developed a Web 3.0 app that enables the transaction of cryptocurrency in ether (ETH) on the Ethereum network.

- Implemented a user-friendly interface for connecting with users' MetaMask wallets for Ethereum transactions.

- Tech Stack: React.js, Tailwind CSS, Solidity, Vite, Hardhat.

Discord-like Chat Application (Django) | GitHub

- Implemented CRUD operations where chat rooms and user chats can be created, updated, or deleted.

- Implemented multi-user conversation in the chat rooms, multiple filters, a search bar to search for the desired topic or chat room, and an activity feed to track recent events.

- Tech Stack: Django, JavaScript.

Skills:

Programming: Python, JavaScript, C/C++, Data structure, and algorithms, OOP

Technologies: React.js, Django, Natural Language Processing, Node.js, Git, GitHub, HTML, CSS