# Aaquib Asrar

</> [LeetCode](#) ⬡ [GitHub](#) | ▯ [LinkedIn](#) | ✉ [Gmail](#) | 💼 [Portfolio](#)

## EDUCATION

**Indian Institute of Engineering Science and Technology, Shibpur**　November 2020 – Present
Bachelor of Technology | Computer Science and Technology　**CGPA: 8.24/10.0**

## EXPERIENCE

**Indian Institute of Engineering Science and Technology, Shibpur**　May 2023 – July 2023
Web Development Intern

- Developed a MERN stack E-Commerce website, enhancing efficiency by **30%** through backend integration using **ExpressJS**, **NodeJS**.
- **ReactJS** was used to develop the -front-end of the application.
- **MongoDB** was used as the database to store users, products, and order information.
- Tech Stacks: **HTML, CSS, ReactJS, NodeJS, ExpressJS, MongoDB**

**1stop.ai**　March 2022 – May 2022
Data Science Intern

- Leveraged **deep-learning** knowledge to build an **LSTM** and **RNN** based question-answering chatbot resulting in a **20%** accuracy improvement
- Achieved an accuracy of around **86%** in the prediction of best ad for different customer segments according to their taste
- Tech Stacks: **Neural Networks, LSTM, Scikit-learn, Tensorflow**

## PROJECTS

**Bloggers** | *HTML, Python, Flask, SQL-Lite* | [Link](#)　December 2023

- A **Flask**-based web application that lets users to post their blogs
- Users can **create** new blogs, **update** their existing blogs and **delete** their existing blogs as per their choice
- **Email validation** for updating password

**Sentiment Analyzer** | *Python, Pandas, Numpy, Matplotlib, Twitter API* | [Link](#)　January 2023

- A deep learning-based solution to analyze sentiment of Twitter users' tweets that resulted in an **accuracy of around 90%**
- Applied **tokenization**, **lemmatization** and **vectorization** to user's tweets
- Classification of tweets into Positive and Negative sentiment

**Movie Recommendation Engine** | *Python, Numpy, Pandas, Streamlit* | [Link](#)　October 2022

- A **Streamlit**-based web application to recommend movies to users
- **Content-based filtering** was applied to filter movies
- **Cosine similarity** was used to measure the similarity between movies

## SKILLS

**Programmming Languages:** C/C++, Python, JavaScript, SQL
**Web Development:** HTML, CSS, Django, Flask, FastAPI, React.js, Node.js, Express.js
**ML/DL Frameworks:**TensorFlow, PyTorch, Scikit-learn, Keras, Pandas, Numpy, Transformers
**Tools:** Docker, Postman, Insomnia, VS Code, Git/GitHub, MongoDB
**Cloud:** Google Cloud
**Soft Skills:** Communication, Problem-solving, Adaptability, Critical thinking, Teamwork

## PUBLICATION

Asrar, A., Das, S., Dutta, S. (2023). Stance Classification on FIFA World Cup Using Twitter Data | [Link](#)

## ACHIEVEMENTS

Selected in **Google Machine Learning Bootcamp 2022**