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 (West Bengal) May 2023 – July 2023
Web Development Intern

- Developed a responsive E-Commerce website using React.js to enhance user experience.
- Implemented the backend of the application using Node.js and Express.js.
- Achieved approximately 30% enhancement performance metrics.
- Tech Stacks: HTML, CSS, React.js, Node.js, Express.js, MongoDB

1stop.ai (Remote) March 2022 – May 2022
Data Science Intern

- Developed an LSTM and RNN-based chatbot that resulted in an improvement of around 20% in accuracy.
- Performed hierarchical clustering technique to forecast optimal ads.
- Achieved an accuracy of 86% in forecasting optimal ads for different customer segments.
- Tech Stacks: Neural Networks, LSTM, Scikit-learn, Tensorflow

PROJECTS

Bloggers | *HTML, Python, Flask, SQL-Lite* | Link December 2023

- Developed a Flask-based web application allowing users to create and share blog posts.
- Facilitated creation, updating, and deletion of user blogs.
- Developed confirmation email feature allowing users to reset passwords securely.

Sentiment Analyzer | *Python, Pandas, Numpy, Matplotlib, Twitter API* | Link January 2023

- Implemented a sentiment analysis model to categorize tweets as either Positive or Negative
- Conducted tokenization, lemmatization, and vectorization processes on tweets.
- Achieved an impressive accuracy rate of approximately 90%.

Movie Recommendation Engine | *Python, Numpy, Pandas, Streamlit* | Link October 2022

- Developed a Streamlit-based web application aimed at providing personalized movie recommendations to users through an intuitive interface.
- Utilized content-based filtering techniques to effectively sort and recommend movies based on their content.
- Utilized cosine similarity technique to measure the similarity between various 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