SOURABH SONKER

Roll-No.: **2K20/ME/276**
Email-id : sourabhsonker17@gmail.com
Mobile No.: **8447727696**
Linkedin : Sourabh Sonker

EDUCATION

Year	Degree	Institute	CGPA/%
2020 - 2024	B.Tech (ME)	Delhi Technological University(DTU), New Delhi	7.86 CGPA
2018	12th CBSE	Ramjas Senior Secondary School No.1	81%
2016	10th CBSE	Rukmani Devi Jaipuria Public School	81.7%

PROJECTS

- **Intent-Recognition-System -** Github

  – Developed an intent recognition system using NLP techniques to classify user queries into predefined intents, enhancing user interaction and application responsiveness.

  – Engineered a JSON dataset with intents, text examples, and responses to train a TensorFlow-based neural network model. The model architecture incorporates layers for tokenization, LSTM processing, and response selection.

  – Executed text preprocessing, optimized model training with early stopping, and deployed an interactive chat loop to demonstrate real-time intent recognition and response generation capabilities.

- **Movie Recommendation System -** Github

  – Developed an efficient movie recommendation system utilizing Python for programming, scikit-learn for cosine similarity, and vectorization techniques.

  – Demonstrated strong analytical skills by designing, implementing, and optimizing the recommendation algorithm.

  – Skills: Python, Cosine Similarity, Scikit-learn, Pandas, NumPy, Data Analysis, Recommendation Algorithms.

ACHIEVEMENTS AND CERTIFICATIONS

- Engaged in Delhi Govt.'s Desh Ke Mentor Program, guiding students for academic success, personal growth, and a positive learning experience: Certificate

- Completed Basic Statistics course and obtained certification from Coursera: Certificate

- Completed Excel course and obtained certification from Coursera: Certificate

- Completed Python language course and obtained certification from Kaggle: Certificate

- Completed "Intro to Machine Learning" course and obtained certification from Kaggle: Certificate

TECHNICAL SKILLS

- **Languages/Libraries:** Python, C++, Pandas, NumPy, Matplotlib, Seaborn, scikit-learn, TensorFlow, Keras, NLP, Microsoft SQL Server

- **Technologies/Frameworks/Tools:** Excel, Relational Database (MySQL), Tableau

- **Soft Skills:** Problem Solving, Self-Learning, Presentation, Adaptability

EXTRA CURRICULAR ACTIVITIES

- Actively engaged in spiritual practices, fostering inner peace and mindfulness to enhance overall well-being.

- Passionate about chess, continuously improving strategic thinking, concentration, and problem solving skills through regular play and study