Debnil Sarkar

Location: Kolkata, West Bengal, India

Linkedin | Github | Leetcode

Email:debnilsarkar72300@gmail.com|Mobile:7003782102

TECHNICAL SKILLS:

Languages	:	C , Python, Java, HTML, CSS, JavaScript, PHP
Libraries	:	Pandas, Tesorflow, Keras, Numpy, Matplotlib, Scikit-Learn, Seaborn
Databases	:	MySQL
Dev Tools	:	Visual Studio Code, JetBrains IntelliJ IDEA, Git, Github
Others	:	Data Structures and Algorithms, Object Oriented Programming
Soft Skills	:	Excellent Communication Skills, Good Team Player, Problem Solving, Time Management Skills

PROJECTS:

Pacific
HTML, CSS, JavaScript, PHP

- ➢ Full stack E-Commerce website with Admin login, Update, Shopping Cart with add and delete features, Categories and a Payement gateway.
- ➢ Libraries used in project is Bootstrap.
- ➢ Created an intuitive and user-friendly UI/UX using HTML, CSS, JavaScript.
- ➢ Used PHP to fetch data from the backend and use them accordingly.
- ➢ Paypal is used to build the payment gateway process.

DataDive
Python, Langchain, GooglePalm, FAISS, Streamlit

- ➢ Developed a web application using Python, Langchain, Google Palm, and Streamlit to enable users to extract information from multiple PDF documents through natural language queries.
- ➢ Implemented efficient document processing, embedding creation, and vector database management using FAISS for rapid information retrieval.
- ➢ Leveraged Google Palm's advanced language capabilities to generate comprehensive and relevant answers based on user queries.
- ➢ Designed a user-friendly interface with Streamlit to facilitate seamless interaction and data visualization.

Cinesage
Python, Pandas, Numpy, Scikit-learn

- ➢ An intelligent recommendation system that suggests five movie names similar to the user provided movie title
- ➢ Machine Learning techniques are utilized to analyze the TMDb movie metadata, user-reviews and viewing patterns
- ➢ Created an user friendly interface using streamlit for inputting movie titles and displaying recommendations

Image Classification
Tensorflow, Keras, Pandas, Numpy, Matplotlib

- ➢ A Deep Learning model based on Convolutional Neural Network that classifies/identifies any image.
- ➢ The model is trained on different image datasets, which is splitted into train and test sets.
- ➢ It predicts/identifies the image that is given by the user.

EDUCATION:

St. Xavier's College(Autonomous)   Kolkata, West Bengal, India
Master of Science in Computer Science   Aug 2023 - Present
CGPA:6.42 (Till semester-2)

St. Xavier's College(Autonomous)   Kolkata, West Bengal, India
Bachelor of Science in Computer Science   Jul 2019 – May2022
CGPA : 6.63

Springdale High School   Kalyani, West Bengal, India
H.S – Science – 86.4%

ACHIEVEMENTS:

Completed Google AI | Explore ML