SHIVAM BASAK

ADVANCED DATA SCIENCE ASSOCIATE

GITHUB LINKEDIN LEETCODE CODING NINJA

CONTACT

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portfolio website

4,Deshbandhu road (W),Kolkata-35

SKILLS

Programming

- Python
- Java
- C
- SQL

MISCELLANEOUS

- Shell
- Git
- OpenCV
- Problem Solving
- Communication
- DBMS
- Flask

EDUCATION

B.Tech Computer Science and Engineering

Sister Nivedita University

2020-Present CGPA- 7.84

ISC(XII)

Central Modern School

2020 Percentage-72.5%

ICSE(X)

Central Modern School

2018 Percentage-78.6%

LANGUAGES

English

Hindi

Bengali

PROFILE

Hi I am a Computer Science student, I am driven, enthusiastic, and tenacious with a willingness to learn quickly.

PROJECTS

IMAGE CLASSIFIER

- Description: Developed an image classification application using machine learning techniques. Trained the model on a dataset of diverse images to accurately classify and predict objects or scenes within images.
- Technologies Used: Python, TensorFlow ,OPENCV.
- Key Achievements:
- Achieved a high level of accuracy in image classification through fine-tuning and optimization.

WeatherSight

- Description: Created a dynamic weather website that provides real-time weather information for a user-specified location. Utilized a weather API to fetch current conditions, forecasts, and other relevant data.
- Technologies Used: react frame work and a weather API for data retrieval.
- Key Achievements:
- Implemented a responsive user interface for displaying weather information.
- Integrated a reliable weather API and optimized data retrieval to ensure real-time updates.
- Included features such as location-based weather forecast.

Brain Stroke Image Detection (Group Project)

- Description: Developed a robust brain stroke image detection system leveraging Flask, OpenCV, TensorFlow, and Keras for real-time analysis of medical images.
- Technology Used: Employed a powerful combination of Flask for web interface, OpenCV for image processing, and TensorFlow with Keras for machine learning, ensuring accurate and efficient brain stroke detection.
- Achievement: Successfully implemented an intuitive and secure system, significantly improving early detection rates, and providing a valuable tool for healthcare professionals in critical decision-making processes.