Shivam Basak

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Education

Sister Nivedita University	**2024**
Bachelor of Science in Computer Science 7.84 cgpa	*New Town, Kolkata, West Bengal*
Central Modern School	**2020**
ISC-XII 72.5 percent	*Kolkata,West Bengal*
Central Modern School	**2018**
ICSE-X 78.6 percent	*Kolkata,West Bengal*

Skills

- Data Structures
- Java
- Python
- Data Base Management System
- HTML
- CSS
- SQL
- Machine Learning

Projects

IMAGE CLASSIFIER | *Python, TensorFlow ,OpenCV*   **Jan 2024**

- **Overview**: Developed an image classification application using machine learning techniques, capable of accurately classifying and predicting objects or scenes within images
- **Training and Optimization**: Trained the model on a diverse dataset of images, achieving high accuracy through fine-tuning and optimization techniques.
- **Accuracy**: Achieved a high level of accuracy in image classification, demonstrating the effectiveness of the machine learning model
- **Practical Application**: Showcased the practical application of machine learning in real-world scenarios by accurately classifying a wide variety of objects and scenes

BRAIN STROKE IMAGE DETECTION | *Python, Jupyter Notebook ,Flask ,OpenCV ,TensorFlow ,Keras*   **Feb 2024**

- **Project Overview:** Developed a robust brain stroke image detection system for real-time analysis of medical images.
- **System Implementation:** Successfully implemented an intuitive and secure system, enhancing user experience and reliability.
- **Early Detection Improvement**: Significantly improved early detection rates, aiding in timely medical intervention.
- **Impact on Healthcare:** Significantly improved early detection rates, providing a valuable tool for healthcare professionals in diagnosing brain strokes.

PORTFOLIO | *HTML, CSS, Js*   **Feb 2023**

- **Project Overview:** Developed a personal portfolio website to showcase projects, skills, and professional background using HTML, CSS, and JavaScript.
- **Responsive Design:** Ensured the website is fully responsive, providing an optimal viewing experience across various devices, including desktops, tablets, and mobile phones.
- **Interactive Features:** Implemented interactive features and animations using JavaScript to enhance user engagement and improve the overall user experience.
- **Modern Aesthetics:** Designed with a modern and clean aesthetic, utilizing CSS for styling and layout, ensuring a visually appealing presentation of content.

ATM | *Java*   **Jan 2023**

- **Project Overview**: Developed an ATM simulation program in Java that allows users to perform various banking transactions such as checking balance, depositing money, withdrawing money, and generating receipts.
- **User Interaction**: Implemented a user-friendly interface with clear prompts and messages to guide users through entering their PIN, choosing actions, and confirming transactions.
- **Security and Validation:** Included PIN verification to ensure secure access to the ATM functionalities and provided feedback for invalid PIN entries.
- **Transaction Handling:** Managed account balance updates accurately and provided real-time feedback on transaction success, ensuring proper handling of deposits, withdrawals, and balance inquiries.

Soft Skills

Languages known: English,Bengali,Hindi
Working Qualities: Team Player,Fast Learner,Leadership
Hobbies: Chess, Cricket, Reading Books