

# SHIVAM BASAK

[GITHUB](#)[LINKEDIN](#)[HACKERRANK](#)[CODING NINJA](#)

## CONTACT

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portfolio website

4, Deshbandhu road (W), Kolkata-35

## SKILLS

### Programming

● Python ● Java ● C

● SQL ● Javascript

### MISCELLANEOUS

● Shell ● Git ● OpenCV ● React

● NodeJS ● Problem Solving

● Communication ● DBMS

● Operating System ● 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.

### Song-finder

- Description: A sleek and intuitive song player designed for seamless music enjoyment. With a user-friendly interface, it provides a delightful music listening experience.
- Technology Used: Built with HTML CSS JS
- Key Achievements:
- Streamlined UI for easy navigation.
- Apples I tunes API USED

### 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.

## CERTIFICATES

- AICTE VIRTUAL INTERNSHIP CERTIFICATE- EDUSKILLS
- THE FUNDAMENTALS OF SOC-PALOALTO
- INTRODUCTION TO CYBER SECURITY-PALOALTO

- FUNDAMENTALS OF NETWORK SECURITY-PALOALTO
- FUNDAMENTALS OF CLOUD SECURITY-PALOALTO
- NODE JS CERTIFICATION COURSE - MASTER THE FUNDAMENTALS-SCALER TOPICS