

Education :

Masters of Science (Computer Science)

2024

St. Xavier's College , Kolkata

Grade : 6.85

Bachelors of Science (Honors: Computer Science)

2022

Ramakrishna Mission Residential College , Narendrapur

Grade: 8.61

Projects :

- Personal Portfolio | [Link](#) | [Github](#)

Designed and built a portfolio to showcase my projects, sub-projects and experimental projects, and research works.

- Developed using **React** and **Tailwind CSS**.

- Hospital Management System | [Github](#)

Developed a web based system for a hospital.

- Provided a dedicated dashboard to patients allowing them to manage consultation booking.
- Implemented admin system to manage departments and doctors.
- Created a dummy payment gateway.
- The technology used **JAVA(JSP)**, **HTML**, **CSS**, **Javascript**, **Apache**, and **Oracle**.

- Speaker Identification For Bengali Speakers | [Github](#)

Modeled a system to identify and classify Bengali speakers based on voice features using Deep Neural Networks.

- Modeled an **Ensemble network** to identify Bengali speakers.
- Achieved accuracy of **95%+** on our in house dataset of **10** speakers .
- Coefficients like **MFCC**, **LPC**, **LFCC**, **RPLP** are used to extract unique voice features.
- Machine learning models are modeled using **Python** and **TensorFlow**.

Skills :

- Programming Languages : C++ | Java | Python | Javascript | Prolog | R
- Web Technologies : HTML | CSS | PHP
- Frontend Frameworks : ReactJS | Tailwind CSS | Django | ThreeJS | Framer Motion
- Backend Frameworks : NodeJS | Express | JSP
- Databases : Oracle | MySQL | MongoDB
- Machine Learning Frameworks : Tensorflow | Keras
- Others : RESTful API | Git | Flutter

Certificates:

- The Full Stack (Coursera | Meta) - [Link](#)
- Exploratory Data Analysis For Machine Learning (Coursera | IBM) - [Link](#)
- The Complete 2023 Web Development Bootcamp (Udemy) - [Link](#)