ISHITA BANERJEE

banerjeeishita2005@gmail.com |[Portfolio](https://portfolio-wine-nu-64.vercel.app/)| +(91)7603065390 | [LinkedIn](https://www.linkedin.com/in/ishita-banerjee-4b5b1928a/)|[Github](https://github.com/banerjee-ishita123)

# Education and Skills

**Education:** B.Tech (CSE) Guru Nanak Institute of Technology, Kolkata 2026 YGPA: 9.15 / 10 | **Class 12th –** 91.6% (2022) | **Class 10th –** 90.6% (2020)

**Technologies and Tools:** Machine Learning(Supervised,Unsupervised), Deep Learning,yolov8. Python Libraries (NumPy, Pandas, Scikit-learn, TensorFlow, Keras),Flask, Power BI, Tableau ,ReactJS, NodeJS, ExpressJS, MongoDB, TailwindCSS, HTML, CSS, Js, Bootstrap, Figma, Github, C,Java, AWS, MySQL

**Interests:** Data Analytics **,** Machine Learning Model Development, Deep Learning Model Development**,**Frontend Development, Backend Development,Fullstack Development

# Projects

**Meddibuddy** [Live Link](https://medibuddy-wzrz.onrender.com/) [Code Link](https://github.com/banerjee-ishita123/Medibuddy.git)

* Developed a real-time health recommendation system using HTML, CSS, JavaScript, Python (Flask), and Scikit-learn to predict diseases based on user input, providing personalized medicine, workout, diet, and precaution suggestions through a unified interface
* Deployed the application on Render, ensuring smooth and scalable delivery of personalized health predictions and recommendations.

**Edora** Live Link [Code Link](https://github.com/banerjee-ishita123/Learning-Management-System.git)

* Developed **Edora**, an interactive Learning Management System where students can sign in, enroll in courses, and track progress, while educators can publish and manage courses, conduct quizzes, and issue certifications using ReactJS, Node.js, Express.js, and MongoDB, TailwindCSS, —enhancing the online learning experience
* Integrated Stripe for secure payment processing and implemented user authentication with Clerk
* Deployed the application on Vercel for fast and reliable access.

**Predcan**  [Code Link](https://github.com/banerjee-ishita123/Cancer-Prediction-a-deep-learning-project.git)

* Developed **Predcan**, a deep learning-based medical diagnostic system that detects adenocarcinoma cancer from CT scan images using CNN architectures, enabling accurate early-stage cancer detection
* Implemented image preprocessing, model training, and evaluation pipelines using TensorFlow/Keras, and integrated MLOps tools **MLflow** and **DVC** for experiment tracking, dataset versioning, and automated CI/CD deployment of the end-to-end workflow.

**Olympic Dasboard** [Live Link](https://app.powerbi.com/view?r=eyJrIjoiNmZlMWNhODQtMjZiMy00MmI1LTgzZmEtZTg0MzZkZTA3Y2UzIiwidCI6ImZmMjIxMmQwLWUyNzgtNGY5Zi04NGFkLTRhNDZiMjcyZDM4NSJ9',%20'_blank')

* Developed an interactive Power BI dashboard for **Olympic Data Analysis**, offering in-depth insights into athlete performances, country-wise medal distribution, and historical trends across multiple Olympic Games editions.

**Certifications**

[Data Analytics (IBM SkillsBuild)](https://drive.google.com/file/d/1vkSo76PW9PQaqEGys_RSXnIvGdDsyS2I/view?usp=sharing)• [Genarative AI](https://drive.google.com/file/d/1B37tF_u11yUzea--4uzgQt9gOw9eSYTm/view?usp=sharing)• [C++(Oops)](https://drive.google.com/file/d/1xsq_3ql0r1FWvva21pAaQAYtUy-ECh9m/view?usp=sharing)  •[AI:Search Method(NPTEL)](https://drive.google.com/file/d/1MMeYJtzVBler5VeygPa34Dt-dBx_Ymfg/view?usp=sharing)

**More about me:** Love to read novels |Love to play Violin| Love to innovate