

ISHITA BANERJEE

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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(Oop), AWS, MySQL

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

Projects

Meddibuddy

[Live Link](#) [Code Link](#)

- 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](#)

- 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](#)

- 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 Dashboard

[Live Link](#)

- 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 \(IBM SkillsBuild\)](#) • [Generative AI](#) • [C++\(Ops\)](#) • [AI:Search Method\(NPTEL\)](#)

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