

TIRTHA BISWAS

Kolkata, West Bengal

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tirtha-biswas

Portfolio

Skills

- **Languages:** C++, Java, Python, JavaScript, HTML, CSS
- **Frameworks:** React.js, Tailwind CSS, Bootstrap, Express.js, Node.js, Flask
- **Database:** MySQL, MongoDB

Education

Jadavpur University, Kolkata

2021 — 2025 CGPA upto 5th sem: 7

Holy Cross School, Kolkata

2020 Class 12 (ISC), Score: 87.25%

Holy Cross School, Kolkata

2018 Class 10 (ICSE), Score: 91.2%

Achievements

- WBJEE Rank: 2152 (All India Rank)
- Ranked 5th in Jadavpur University Internship Screening Test (2023-2024)
- Ranked 171 in CodeChef March Cook-Off 2022
- CodeChef Highest Rating: 1737 (3-star)
- Solved over 60 problems on CodeChef
- Solved over 356 problems on LeetCode
- Solved over 800+ problems across all platforms

Projects

Code XL | Github link | Deployed link

- Developed a fullstack **MERN** application for placement preparation.
- Allowed users to upload and track **SDE/DSA** practice sheets in Excel format and add them to the sheets.
- Included features for **customized mock tests**, and the **Core Subjects** features the CS fundamentals topics
- Created a community for users to share doubts and engage in discussions through comments. (Ongoing)
- Utilized **JWT** for authentication to secure user data and presented users with infographics to assess preparation levels.
- **Follow the Drive link for a demo.**

BetterMe Healthcare App | Github link

- Developed a healthcare app using **React.js**, **Tailwind CSS**, **Flask**, integrated **Stripe** for payments, appointment booking, posture correction, calorie counting, and video calling with **ZegoCloud**.
- Achieved 99.97% accuracy in disease prediction using **SVM**, **Decision Trees**, and **Random Forest**.
- Implemented personalized diet/workout plans using **Generative AI** and **Langchain**.
- **Follow the Drive link for a demo.**

Weather Tracking Website | Github link | Deployed link

- Developed a weather tracking website using **React.js**, **Tailwind CSS**, and **OpenWeather API**.

Tic Tac Toe Game | Github link | Deployed link

- Developed a Tic Tac Toe game using **React.js**, **Tailwind CSS**, and **Anime.js** for in-game animations.

Profile Links

- LeetCode
- CodeChef
- GitHub