PREMANSU CHAKRABORTY

Kolkata, West Bengal

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Education

Techno International New Town, Kolkata	**July 2021 - June 2025 (expected)**
Bachelor of Technology in IT (CGPA of 8.27)	*West Bengal, India*
Dasghara High School	**April 2018 - July 2020**
Higher Secondary Examination (Percentage of 81.16)	*West Bengal, India*
Dasghara High School	**January 2017 - March 2018**
Secondary Examination (Percentage of 83)	*West Bengal, India*

Projects

Realtime Chat Application | *React JS, Express, Socket.io and Tailwind*

- Developed a real-time chat application enabling public and private messaging, along with room-based communication, utilizing **React JS**, **Express JS**, **Socket.IO**, and **Tailwind CSS** , to build a fully functional and visually appealing chat website.

Pharma Application | *React, Node.js, Express.js, MongoDB, Tailwind CSS, AI Chatbot*

- Developed a **full-stack** Pharma application with features like doctor consultations, medicine purchases, and ambulance booking. Implemented **APIs** for managing details and integrated an **AI chatbot** for instant query resolution. Ensured secure data handling with **MongoDB** and a responsive **UI** using **Tailwind** CSS.

Real-Time Weather Map | *JavaScript, CSS, HTML and Leaflet JS*

- Developed a dynamic real-time weather map using **JavaScript, CSS, HTML and Leaflet JS** and OpenWeatherMap API, displaying live weather conditions like temperature, air quality, humidity, wind speed, and precipitation on an interactive map.

Achievements

- I achieved a good rank in the intra-college Smart India Hackathon (**SIH**) and participated in several other hackathons, showcasing my skills in problem-solving and innovation.
- Solved more than **500+** DSA problems across platforms.
- Full-Stack Web Development Bootcamp

Profile Links

🎓 **GeeksforGeeks**   </> **Leetcode**   📋 **CodeStudio**   ⌗ **GitHub**

Technical Skills

Programming Languages: Java, C, JavaScript
Tools: Visual Studio code, Git, Eclipse
Technologies: HTML, CSS, Socket.io
Databases: MySQL, MongoDB
Framework and Library: React Js, Express Js, Tailwind
Technical Subjects: Data Structures and Algorithms, Object Oriented Programming, Database Management System, Operating Systems, Computer Networks