

SOMNATH ROY

Kolkata, West Bengal

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🌐 [Linkedin](#)

🐙 [Github](#)

🔗 [LeetCode](#)

🔗 [GeeksforGeeks](#)

EDUCATION

Jadavpur University

B.E - Power Engineering - **CGPA - 8.3**

2021 – 2025

Kolkata, West Bengal

Chandraban High School (H.S)

WBCHSE Board - Class XII - **Percentage - 88%**

2019 – 2021

Hooghly, West Bengal

TECHNICAL SKILLS

Languages: C++, JavaScript

Databases: MongoDB, MySQL

Technologies/Frameworks: HTML5, CSS3, Express, React, NodeJS, Tailwind CSS

Developer Tools: VS Code, Github, Vercel, Postman API, Render

Soft Skills: Time Management, Teamwork, Communication, Problem Solving

PROJECTS

Skill Teach 📄 | [ReactJs](#) , [NodeJs](#) , [ExpressJs](#) , [MongoDB](#) , [Tailwind CSS](#)

2023-24

- Skill Teach is a fully functional ed-tech platform that enables users to create, consume, and rate educational content.
- The **Front-end** of Skill Teach has all the necessary pages that an Edtech platform should have. Some of these pages are:
- For **Students**: Homepage, Course List, Wish List, Cart Checkout, Course Content, User Details, User Edit Details.
- For **Instructors**: Dashboard Insights, Course Management Pages, View and Edit Profile Details.
- Features and Functionalities of the **Back-end** : User **authentication** and **authorization**, Course management, **Payment Integration**, **Cloud-based** media management, Markdown formatting.

Personal Portfolio 📄 | [React](#), [CSS](#),

2023-24

- Developed a visually captivating and user-centric interface using React and CSS, enhancing the overall user experience of the website.
- Seamlessly integrated essential features including a Home Page, About Page, and a Dynamic Project and Resume Showcase, demonstrating a comprehensive understanding of web development.
- Features Incorporated social media integration to foster enhanced connectivity and engagement, optimizing the website's reach and user interaction.

Algorithm Visualiser 📄 | [HTML](#), [CSS](#), [JavaScript](#)

2023-24

- Designed and developed an interactive algorithm visualizer using cutting-edge web technologies, allowing users to explore and comprehend complex algorithms, such as **Sorting** and **Searching** algorithms, in a visually intuitive manner.
- Leveraged advanced JavaScript skills to create dynamic and responsive visualizations. Implemented clear and user-friendly interfaces that empower users to adjust input parameters and customize their learning experience

COURSEWORK / SKILLS

- | | | | |
|---------------------------------------|-------------------------------------|---------------------|-------|
| • Data Structure and Algorithms (DSA) | • Database Management System (DBMS) | • Operating Systems | • C++ |
| | | • Oops Concepts | |

Coding Platforms

- **Leetcode**: Solved **500+** Problems with consistency 📄
- **GeeksforGeeks**: Solved **350+** Problems , Institution Rank : **80** 📄

CERTIFICATIONS

- Clear Code Ninja's Aptitude And Round2 Test of CodeKaze :- College Rank :- 55 (06/2023)
- Hackerrank Problem Solving (Intermediate) Certificate
- Hackerrank Problem Solving (Basics) Certificate