

SOMNATH ROY

Kolkata, West Bengal

+91-9564690340

somnathroy0340@gmail.com

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

Chandraban High School (H.S)

WBBSE Board - Class X - **Percentage - 89%**

2018 – 2019

Hooghly, West Bengal

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 | ReactJS, CSS, Tailwind CSS

2023-24

- Developed a visually captivating and user-centric interface using React and CSS, enhancing the website's overall user experience.
- 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.

Banking System | Opps and DSA

2023-24

- Application to provide banking solution to Banks to manage customer accounts.
- Accounts can be created and managed. Implemented many function related to banking system
- Operations like deposit and withdrawal can be performed in the account

TECHNICAL SKILLS

Languages: C++, JavaScript

Databases: MongoDB, MySQL

Technologies/Frameworks: HTML5, CSS3, ReactJS, NodeJS, ExpressJS, Tailwind CSS

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

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

COURSEWORK / SKILLS

- | | | | |
|---------------------------------------|-------------------------------------|---------------------|-----------------------|
| • Data Structure and Algorithms (DSA) | • Database Management System (DBMS) | • Operating Systems | • Computer Networking |
| | | • 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