

CHANDRACHUR MUKHERJEE

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EDUCATION

Bachelor of Engineering (BE) in Computer Science, Jadavpur University **2021 - 2025**
CGPA - 8.86

Class XII, Searsole Raj High School, Percentage - 97% **2018 - 2020**

EXPERIENCE

Software Engineer Trainee **March 2024 - April 2024**
Infomaticae Technology Pvt. Ltd. *Kolkata, India*

- Engineered **interactive elements** with **React** and **Material UI** for seamless PDF rendering. boosted load time by **40%** and increased user satisfaction, driving a **20%** rise in customer engagement.
- Developed **reusable components** that increased consistency by **25%** and improved efficiency by **30%** across the application.

PROJECTS

Learnify. (Group Project) [Website](#) | [GitHub](#) | [Demo Video](#) **March 2024**

A modern **Learning Management System** designed to enhance learning through instructor-led lectures, note sharing, and live video sessions, built with **MongoDB**, **Express**, **React**, **Node.js**, **Cloudinary**, and **ZegoCloud**.

- Implemented **JWT-based authentication** for secure access, signup, login, and authorization.
- Developed an **interactive** platform for the **creation** and **editing** of courses and video lectures, reducing instructors' effort by **30%**, streamlining **course management**, and simplifying **content delivery**.
- Integrated **ZegoCloud** for **live classes**, enhancing real-time interaction and engagement.
- Designed an **admin panel** to monitor and manage instructor and admin signup requests, providing the ability to accept or reject requests efficiently.
- Built an interactive **Doubt Corner** for students to post and resolve **queries**, including **image-based** doubts.
- Streamlined user experience by centralizing competitive exam details in an **Exam Corner**.

Solana Scaffold. [Website](#) | [GitHub](#) **April 2023**

Solana Scaffold is a web app that enables users to transfer Sol tokens and custom tokens to other users in Solana Devnet. Technologies used: **Next.js** and **web3.js**

- Engineered a web app that connects to users' **crypto wallets** (Metamask, Backpack) and approves transactions.
- Incorporated functionality to send **custom Solana tokens** to other users.

Facebook Clone. [Website](#) | [GitHub](#) **June 2023**

- Incorporated functionality to upload, edit, and delete content.
- Implemented real-time feed updates using **Firebase Firestore**, increasing user engagement by **20%**.

SKILLS

C, C++, Python, Java, Data Structures, Algorithms, Complexity Analysis, Object-Oriented Design, Operating Systems, Computer Networks, Database Management System, SQL, Computer Organization, Low Level Design, HTML, CSS, JavaScript, TypeScript, MongoDB, Express, React, Node, Next, Spring Boot, GitHub, Docker

ACHIEVEMENTS

- Guardian (2488*)** on [LeetCode](#), ranked in the **top 0.27%** globally with more than **1200** problems solved.
- Expert (1651*)** on [Codeforces](#), with proven proficiency in **competitive programming**.
- Ranked **156** (Biweekly 139), **213** (Weekly 413) and **189** (Weekly 403) globally on [LeetCode](#) Contests.
- WBJEE AIR 142, JEE Mains 99 percentile, Class XII Rank 15

POSITION OF RESPONSIBILITY

- Placement Coordinator '25**: Leading placement activities for the batch of 2025
- Class Representative**: Showcased leadership and organizational skills to enhance class communication.