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 Ed-Tech platform designed to enhance student 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**, enabling students to access instructor-uploaded content seamlessly.
- 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**
Implemented Facebook features with real-time feed using **React** and **Firebase**.

SKILLS

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

ACHIEVEMENTS

- **Guardian** (**2373***) on **LeetCode**, Top **0.45%** globally, **1200+** problems solved
- **Expert** (**1651***) on **Codeforces**
- Ranked **213** (Weekly 413), **189** (Weekly 403) and **255** (BiWeekly 137) **globally** on **LeetCode**
- WBJEE **AIR 142**, JEE Mains **99 percentile**, Class XII **Rank 15**

POSITION OF RESPONSIBILITY

- **Class Representative (CR)**: Demonstrated strong leadership and organizational capabilities to facilitate smooth communication and collaboration within the class.