RAHUL KARMAKAR karmakarrahul503@gmail.com

(+91) 8101555867

GitHub 5

<u>LinkedIN</u>

EDUCATION

B.Tech in Computer Science & Engineering

Hooghly Engineering & Technology College

Average CGPA (upto 6th semester): 9.01 out of 10

West Bengal, India

Apr '18 - Mar '20

West Bengal, India

Aug '21 - Present

Class 12th Boards

West Bengal Council of Higher Secondary Education

Marks: 77%

Class 10th Boards **Mar** '18

West Bengal Board of Secondary Education West Bengal, India

Marks: 78%

EXPERIENCE

Full Stack Web Developer (Part-time) | Tecosys

July - Aug' '2024

Tech Stack: ReactJS, NextJS, ShancdUI, AcernityUI, ExpressJS, TailwindCSS, NodeMailer

- · Led integration of the Razorpay payment gateway, developed payment pages and APIs, and provided support to team members in component development.
- · Collaborated with the team to create and optimize multiple web pages, assisting in component development.

PROJECTS

1. jwt-auth-utility [Source Code] [Live]

Oct' 2024

TECH STACK: NodeJS | jsonwebtoken

· A lightweight Node.js package simplifying JWT handling for secure authentication. Easily configure token generation, validation, expiration, and refresh tokens-perfect for enhancing security in any authentication flow.

2. NeoChat [Source Code] [Live]

July to Aug' 2024

TECH STACK: ReactJs | ExressJs | MongoDB | WebSocket | Crtptr | Tailwind | Cloudinary | Vercel | Render A Real time chat web application.

- Implemented JWT for secure user authentication.
- Key features include real-time user online/offline status, last message and timestamp display, encrypted messaging, file sharing with download capability, and user-created channels and groups.
- Integrated debouncing for efficient user search.
- Hosted on Vercel and AWS EC2 for scalable deployment.

3. StudyNotion [Source Code] [Live]

Dec' 2023 to April' 2024

TECH STACK: ReactJs | ExressJs | MongoDB | Tailwind | Cloudinary | Vercel | Render

A full stack EdTech web app with three distinct user roles (Student, Instructor, Admin).

- · Developed features for Instructors to create/manage courses, Students to purchase/review courses, and Admins to handle category management and other administrative tasks.
- Integrated Razorpay for secure payment processing and implemented robust user authentication.
- Enabled email notifications and designed distinct dashboard functionalities for each user role.
- · Fully responsive design, hosted on Vercel and Render, with media storage managed by Cloudinary.

SKILLS

Programmin Languages: C, C++, Java, Python, Javascript, Typescript

Technologies: HTML, CSS, ReactJS, NextJS, NodeJs, ExpressJs, MongoDB, MySQL, WebSocket(Socket.io), Redis, AWS(IAM, S3, EC2, lambda, API Gateway), Serverless, Git & Github, linux

Course Subjects: Object Oriented Programming, DBMS, DSA