

# RAHUL KARMAKAR

Full Stack Web Developer

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GitHub 

LinkedIn 

## EDUCATION

### B.Tech in Computer Science & Engineering

Maulana Abul Kalam Azad University of Technology

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

Aug '21 - Present

West Bengal, India

### Class 12th Boards

West Bengal Council of Higher Secondary Education

Marks : 77%

Apr '18 - Mar '20

West Bengal, India

### Class 10th Boards

West Bengal Board of Secondary Education

Marks : 78%

Mar '18

West Bengal, India

## EXPERIENCE

### Full Stack Web Developer (Part-Time) | Tecosys

July - Aug' 2024

- **Tecosys.ai:**

**Tech Stack :** ReactJS, ExpressJS, TailwindCSS, NodeMailer

- Led a project to integrate the Razorpay payment gateway, developed payment page and built apis. Provided support to teammates in building other components.

- **Tecosys.in:**

**Tech Stack :** NextJS, ShancdUI, AcernityUI

- Collaborated with a team to create multiple web pages. Assisted teammates in developing and optimizing various components.

## PROJECTS

### 1. 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.

### 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 Render for scalable deployment.

## SKILLS

**Programmin Languages:** C, Python, Javascript, Typescript

**Technologies:** HTML, CSS, ReactJS, NextJS, NodeJs, ExpressJs, MongoDB, MySQL, WebSocket(Socket.io),

..... Redis, AWS(IAM, S3, EC2), Git & Github, linux

**Course Subjects:** Object Oriented Programming, DBMS, DSA