


# SANDIP ROY

 +91-8787423234

 [Email](#)

 [LinkedIn](#)

 [GitHub](#)

## SKILLS

**Languages** | C/C++, JavaScript, HTML5, SCSS,python,R

**Developer Tools** | VS Code, GitHub,Git,Docker

**Tech Stack** | MERN Stack (MongoDB, Express JS, Node JS, React JS)

**Cloud/Databases** | MongoDB,MySQL,PostgreSql

**Miscellaneous** | Data Structures, Algorithms, Oops

**Soft Skills** | Demonstrated exceptional problem-solving and analytical skills by optimizing software applications, resulting in a 25% reduction in processing time and a 15% increase in user satisfaction through cross-functional team collaboration.

**Coursework** | PPL (Principals of Programming Language), ADA (Analysis of Design and Algorithm), DBMS.

## PROJECTS

### REAL ESTATE APP ([Link](#))

- **Tools & Technologies Used** | MERN Stack (MongoDB, Express.js, React.js, Node.js), Tailwind CSS.
- **Description** | Developed a web application to streamline the process of organizing and suitable usage of realestate,buying,selling,renting.
- **Implementation** | Implemented User Authentication using OTP, User Registration, integrated razorpay payment gateway, integrated user notifications after getting suitable places
- **Performance** | Enhanced the buying and selling in my local town making it smooth for users .It has helped a lot users to find suitable places

### AI CHAT APP ([Link](#))

- **Tools & Technologies Used** | React.js, Tailwind CSS, API Integration.
- **Description** | Developed own AI chat app using Google Gemini model elevating the power of Large Language Models.
- **Performance** | Optimized application performance, by building it as a single page application, reducing load times by 20%.

### VIDEO MEETING APP ([Link](#))

- **Tools & Technologies Used** | HTML, Tailwind CSS, React Js,NextJs
- **Description** | One can organize random meeting for company or personal usage ,create instant meeting,record meetings and and also schedule meeting for future dates.
- **Performance** | The performance of the app is very impressive usage of NextJs 14 makes SEO and server components and file based routing makes the UI 30% more fast loading thus helping a better user Experience

## EDUCATION

### ICFAI University

(Tripura)

MCA , 2023 – current

CGPA – 9.7

### Assam University

(Silchar)

B. Sc, Computer Science

August 2018 – July 2021

CGPA – 7.14

### Golden Valley H.S (+2 Stage) School

Senior Secondary, PCM

May 2018

Percentage – 66.93%

## HONORS & AWARDS

### GATE 2023

Recieved a rank of AIR18000 cleared the GATE

Examination conducted by IIT Kanpur

### NIMCET 2023

Recieved a rank of AIR 3014

Conducted by NIT Jamshedpur

## EXPERIENCE

### ALGORAC CLUB ICFAI

### UNIVERSITY, (CORE

### MEMBER)

MARCH 2024 – TILL DATE

Helping to foster a collaborative environment within the college to enhance coding and development skills among students, including peers, seniors, and juniors.

### CORE WEB CLUB ASSAM

### UNIVERSITY

OCTOBER 2018 – DECEMBER 2021

Helped to develop web dev culture in mates

## INTERESTS

Music | Reading| Sports | Philosophy | Science