SANDIP ROY

📞 +91-8787423234   ✉ **Email**   in **LinkedIn**   ⬤ **GitHub**

SKILLS

Languages | C/C++, JavaScript, HTML5, SCSS

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)
B. Sc, Computer Science
July 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