

SANI KUMAR DUSAD

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EDUCATION

JIS College of Engineering Kalyani, West Bengal (2022-2025)

B. Tech in Computer Science and Engineering – CGPA – 8 .0

kalna Polytechnic, kalna, West Bengal (2019-2022)

Diploma in Computer Science and Technology – CGPA 8.1

D.A,V Public School pandaveswra West Bengal(2018-2019)

CBSE 10th – 72.6%

SKILLS

- **Languages** : java, HTML, CSS, JavaScript
- **Frameworks/Libraries** : React.js, Tailwind CSS, Daisy UI
- **Developer Tools** : Visual Studio Code, GitHub
- **Database** : MySQL/SQL
- **Core Subjects** : Data Structures & Algorithms, DBMS, Operating System, SDLC, OOP

PROJECTS

❖ Weather Forecast (Personal Project)

Tech Stack: HTML, CSS, JavaScript, OpenWeather API

- Developed a Weather Forecast Web App using HTML, CSS, and JavaScript with OpenWeather API for real-time weather updates.
- Implemented search functionality to fetch weather data for any city, displaying temperature, humidity, wind speed, and forecasts.
- Designed a responsive and user-friendly interface with dynamic backgrounds and icons based on weather conditions.

❖ Real-Time Chat Application (Team Project)

Tech Stack : MERN , Socket.IO, JWT

- Developed a real-time chat application using React.js, Node.js, and Socket.IO as part of a 4-member team.
- Designed and implemented the frontend UI for user authentication (Sign Up/Login) and live chat interface using React.
- Integrated JWT for secure user authentication and session management.
- Integrated Socket.IO to enable real-time, bi-directional communication between users.

PUBLICATION

- End-to-End Encrypted Messaging System for Social Media Platforms, International Scientific Journal of Engineering & Management (ISJEM), Volume 04, Issue 05, May 2025. ISSN: 2583-6129.
DOI: 10.55041/ISJEM03681

CERTIFICATES

- **Object-Oriented Data Structures in java (Coursera)**
- **TCS iON Digital Learning Platform (Cyber Security)**
- **Internet of things(IOT) (Coursera.)**