

# SUDIPTA MANDAL

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## SUMMARY

Web developer building responsive, dynamic, and user-focused web applications. Focuses on clean UI, secure coding practices, and performance optimization. Ensures cross-device compatibility and robust user interactions. Solves real-world problems through scalable, maintainable, and modular web solutions.

## EDUCATION

- Brainware University**, B.Tech in Computer Science and Engineering (AI/ML) Aug 2021 – Jun 2025
  - CGPA: 8.79
- Rajnagar Biswambhar High School**, Higher Secondary Education (Class 12th) Mar 2021
  - Percentage: 82.6%

## TECHNICAL SKILLS

- Frontend:** React.js, JavaScript, Bootstrap, HTML, CSS
- Backend:** Node.js, Express.js
- Database:** MongoDB, MySQL
- Others:** C, Java, Git, GitHub

## TRAINING EXPERIENCE

- Industrial Training – Node.js Fundamentals and GPT Integration** Aug 2024 – Oct 2024
  - Gained hands-on experience with core Node.js concepts and server-side development.
  - Explored GPT model integration to build intelligent and interactive web features.

## PROJECT

- QuickChat – Chat Website** Live Project | [GitHub](#)

*Tech Stack: React.js, Express.js, Node.js, Socket.io, MongoDB, Cloudinary*

  - Developed a real-time chat application using the MERN stack (MongoDB, Express.js, React.js, Node.js) integrated with Socket.io, enabling seamless and instant communication between users.
  - Implemented efficient real-time messaging functionality, including live message delivery, typing indicators, and chat room synchronization, providing a fast and responsive user experience.
- CarePluse – Patient Management System** Live Project | [GitHub](#)

*Tech Stack: React.js, Next.js, Tailwind CSS, Twilio, AppWrite*

  - Developed and deployed a full-stack patient management system using Next.js, providing features for patient registration, appointment scheduling, and data tracking in real-time.
  - Integrated Twilio to enable real-time SMS notifications for patient updates and appointment confirmation.
  - Used AppWrite for secure user authentication and efficient database management.
- NewIts - News Website** Live Project | [GitHub](#)

*Tech Stack: React.js, Node.js, News Api, Bootstrap*

  - Built a dynamic news platform using React.js and Node.js, fetching and displaying real-time news headlines from various categories (e.g., business, sports, technology) via NewsAPI.
  - Implemented a seamless light/dark mode toggle using React state management and Bootstrap theming, enhancing user experience and accessibility.

## LANGUAGES KNOWN

1. English 2. Hindi 3. Bengali