

Soudeep Shaw

Kolkata, WB, 700141 | 91+8240106609

soudeepshaw@gmail.com | <http://www.linkedin.com/in/scudeepshaw/>

Activities

Selected for the prototype phase in the Karnataka State Police Datathon 2024, where I collaborated on developing a web application. My role involved integrating NLP and machine learning to anonymize sensitive data in FIRs, which enhanced my problem-solving and teamwork skills in public safety and data privacy.

Career Objectives

Dynamic MERN Stack Developer with a strong passion for data analysis and machine learning. Adept at creating user-friendly web applications and utilizing data insights to drive performance improvements. Eager to apply technical expertise and analytical skills in a collaborative team environment

Projects

Online Chess Game with Real-Time Chat

Developed a web-based chess game allowing users to play online against random opponents or AI bots, incorporating a real-time chat feature. The project utilized React and TypeScript for the frontend and Socket.io for real-time communication.

- Gained experience in implementing real-time features and interactive gameplay.
- Enhanced skills in integrating front-end and back-end technologies for a seamless user experience.

Video Calling Platform with Real-Time Communication

Developed a website enabling users to engage in video calls with strangers, utilizing React and TypeScript for the frontend, WebRTC for real-time video communication, and Socket.io for signaling and real-time messaging.

- Acquired hands-on experience with WebRTC and real-time video communication technologies.
- Enhanced skills in integrating complex real-time features and ensuring seamless user interactions.

Voice-Activated Prescription Tool

Developed a website to solve the problem of doctors writing incorrect prescriptions using React.js. Implemented Web Speech to take voice input from doctors, extract required details by gemini AI, rectify spelling mistakes, and generate printable PDF prescriptions

- Utilized voice recognition technology to enhance accuracy.

- Streamlined the prescription process for medical professionals.

News Website (React, NewsAPI)

Developed a news website using React.js and integrated the NewsAPI to provide users with the latest news articles based on their interests.

- * Utilized React.js to build a modern and responsive user interface
- * Enabled users to customize their news consumption for an enhanced experience

EDUCATION

Bachelor of Technology Computer Science Engineering Sep 2021 - Jun 2025
Maulana Abul Kalam Azad University of Technology, Budge Budge Institute of Technology
current CGPA-8.29

SKILLS

| Front End Development | Python | Data Analysis | React.js | Express.js | Power BI
| Node .js | MongoDB | TypeScript