

SOUDEEP SHAW

MERN STACK DEVELOPER



+91 8240106609



soudeepshaw@gmail.com



Kolkata, WB, 700141



soudeepshawportfolio.netlify.app/

About Me

Passionate MERN Stack Developer with expertise in building scalable, user-friendly web applications. Skilled in problem-solving with over 250 challenges solved on LeetCode. Adept at working with React.js, Node.js, MongoDB, and TypeScript, with a strong foundation in data analysis. Continuously learning and innovating in software development.

Projects

Online Chess Game with Real-Time Chat

Technologies: **React.js, TypeScript, Websocket**

- Developed a web-based chess game where users can play online against random opponents or AI bots.
- Incorporated real-time chat functionality using Websocket

Voice-Activated Prescription Tool

Technologies: **React.js, Web Speech API, Gemini AI**

- Problem: Illegible handwriting in prescriptions leads to errors.
- Solution: Created a voice-activated tool using the Web Speech API for dictation and Gemini AI for correcting details, ensuring accurate and clear prescriptions.
- Impact: Enhanced prescription accuracy and reduced errors for medical professionals.

Video Calling Platform with Real-Time Communication

Technologies: **React.js, TypeScript, WebRTC, Socket.io**

- Built a website enabling video calls with strangers using WebRTC for real-time video communication.
- Integrated Socket.io for signaling and real-time messaging.
- Gained hands-on experience with WebRTC and ensuring smooth user interactions.

Education

2021-2025

Current CGPA: 8.29

University Name- Maulana Abul Kalam Azad University of Technology, Budge Budge Institute of Technology

Bachelor of Technology, Computer Science Engineering

2019-2021

Percentage-83%

Institute Name- Narayana
Board-CBSE

Stream-Science

Language

Hindi

English

Bengali

Skills

- ReactJS & TypeScript
- JavaScript (ES17)
- MongoDB
- HTML & CSS & Tailwind CSS
- Node.js & Express
- GitHub
- Python (Numpy , Pandas, Matplotlib)
- Solved 200+ coding challenges on LeetCode
- Socket.io, WebRTC, Web Speech API

Activities

Karnataka State Police Datathon 2024

Selected for the Karnataka State Police Datathon 2024 prototype phase (II)

Enhanced problem-solving and teamwork skills in public safety