SARAJIT MANDAL
Junior Full Stack Web Developer
Dhaka,Bangladesh

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Summary

"Full-stack developer skilled in building scalable, responsive applications using modern technologies. Experienced in both frontend and backend development with a focus on **React.js**, **TypeScript**, **Next.js**, **Node.js**, and **MongoDB**. Proficient in managing state with **Redux** and ensuring code reliability with TypeScript. Skilled in RESTful APIs, real-time data with **Socket.io**, and secure data flows with **JWT Authentication**."

Technical Skills

- ❖ **Frontend:**
  HTML5, CSS3, JavaScript (ES6), TypeScript, React.js, Next.js, Tailwind CSS, Redux
- ❖ **Backend:**
  Node.js, Express.js, MongoDB, Mongoose, Socket.io
- ❖ **Full-Stack Tools:**
  RESTful APIs, CRUD, JSON, JWT Authentication, Firebase

Soft Skills

- Hard working
- Adaptability
- Team Player

Projects

1. **Real Time Video Meeting and Chatting (TREM PROJECT)** GitHub client || GitHub Server || Live Link
   Key Features: Real-time video conferencing, instant messaging, low-latency connections.
   Technology Used: Next.js, Tailwind CSS, Node.js, Express.js, MongoDB, Socket.io, Stream API.
   My Contributions:
   - **Backend Development:** Designed and implemented the server-side architecture, including setting up **Node.js** and **Express.js** to handle API routes, authentication, and secure data flow.
   - **Real-Time Chat Functionality:** Built the chat system from scratch using **Socket.io** for low-latency, real-time messaging, supporting instant communication between users.

2. **Medical Camp Management System (MCMS)** GitHub client || GitHub Server || Live Link
   - **Description:** A complete solution for managing medical camps, built independently to enhance patient care and streamline camp operations.
   - **Key Features:** Payment integration, advanced sorting and search functionality, and admin role management.
   - **Technology Used:** React.js, Tailwind CSS, Node.js, Express.js, MongoDB.

3. **Peaceful Hotel** (Hotel Booking Website) GitHub client || GitHub Server || Live Link
   - **Description:** A hotel booking platform offering seamless reservation management, perfect for all types of travelers.
   - **Key Features:** Advanced filtering, interactive map integration, room booking, and cancellation policies.
   - **Tech Stack:** React.js, Tailwind CSS, Node.js, Express.js, MongoDB.

Education

- Bachelor of Business Studies(B.B.S)
- National University Bangladesh, Graduation Date: May 2023

Hobbies and Interests

- **Problem Solving and Critical Thinking:** Enjoy chess, strategic board games, and puzzle-solving for mental stimulation and skill-building.