

Sanjeev Kumar

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COURSEWORK / SKILLS

- **Zustand** (Redux Alternative)
- **JWT Authentication**
- ReactJS
- NodeJs
- JavaScript
- **Socket.io - Web Sockets**
- **EJS - Template Engine**
- Mongoose
- Tailwind CSS
- MongoDB
- **TypeScript**
- ExpressJs
- CSS
- **REST API**

PROJECTS

A Movie Database App 📄 | MERN Stack, TypeScript , Tailwind

August 2025

- **Indexed on Google** with GSC, search by "sanjeevsmdb"
- Built a responsive movie discovery UI with **search**, **trending lists**, and **detailed pages** using TMDB API.
- Added a **user authentication** and **protected routes** using a custom authFetch wrapper with auto token refresh.
- Developed a full **watchlist system** (Watching, Completed, Plan to Watch, etc.)
- Implemented **dynamic routing** for multiple pages.
- Improved performance by using **lazy loading/ Code Splitting** for images and components.
- Created a secure REST API with **JWT auth**, refresh tokens, and **cookie based sessions**.
- Added **Comment Section** for every Movie/TV Show Page.
- Implemented **Watchlist** and **Media APIs** with efficient MongoDB models and validation.
- **Deployed On Render.com.**
- Built robust **middleware** for auth, errors, and API request handling.
- Ensured scalability using clean folder structure and **MVC Architecture**.
- [Live site - mdb.sanjeevkumar.site](https://mdb.sanjeevkumar.site)

Chat App - Socket.io 📄 | MERN Stack, Zustand, Tailwind, Axios, JavaScript

December 2025

- Developed a **Full stack chat application** using React, Node.js, Express, and MongoDB.
- Implemented **real time messaging** with Socket.IO using user specific rooms for private conversations.
- Built **JWT based authentication** with secure HTTP-only cookies for session management.
- Integrated **Cloudinary** for image uploads and media sharing in chat messages.
- Managed global application state using **Zustand** for authentication, messages, and UI state.
- Designed a **responsive chat interface** using Tailwind CSS optimized for desktop and mobile.
- Handled **CORS**, **cookies**, and **cross origin authentication** for production ready deployment.
- Implemented **auto scrolling chat behavior** and sender/receiver message alignment.
- Deployed the frontend on **Vercel** and backend on **Render**.
- **MVC Architecture**
- [Link here](#)

EDUCATION

Indira Gandhi National Open University

BCA - Bachelor of Computer Applications

07/2022 – Present

New Delhi, India

Sarvodaya Bal Vidyalaya

*12th CBSE Board - Commerce - **Percentage - 77%***

06/2022

Naryana, New Delhi, India

TECHNICAL SKILLS

Languages: JavaScript, TypeScript

Developer Tools: VS Code, NeoVim, Chrome Developer Tools, Node Package Manager

Technologies/Frameworks: Express, ReactJS, Tailwind CSS, NodeJS, Mongoose, GitHub, Git, EJS, Socket.io