

# 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

- 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](http://mdb.sanjeevkumar.site)

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

- 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 - chat-app-mern-frontend-chi.vercel.app](http://chat-app-mern-frontend-chi.vercel.app)

### Portfolio Website | React, Tailwind, JavaScript

- This is a Portfolio website, **use this to know more about me.**
- [Link here - sanjeevkumar.site](http://sanjeevkumar.site)

## 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