






Aman Kumar Singh

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SKILLS

Languages: Python, C++, JavaScript, HTML, CSS

Technologies: React.js, React-Router, Redux-Toolkit, Tailwind CSS, Node.js, Express.js, Context API

Tools: Git, GitHub, VS Code, Browser Developer Tools, MongoDB, MySQL

PROJECTS

Dream Home - Real Estate Application | Live Link Github

- Built a fully **responsive** real estate application using **React** for the frontend, **Tailwind CSS** for styling, **Express** for the backend, and **MongoDB** for the database.
- Developed an **interactive map feature** using **Leaflet**, enabling users to view property locations with real-time updates.
- Implemented secure **user authentication and authorization**, using **cookies** for session management to ensure data protection and privacy.
- Designed and implemented comprehensive **Create, Read, Update, and Delete (CRUD)** operations for property listings, enhancing the platform's functionality and user engagement.
- **Technologies used:** React.js, Tailwind CSS, Express, MongoDB, Prisma

Movie Place - Movie Gpt Application | Live Link Github

- Implemented **authentication** using **Firebase** for a login page with sign up functionality, enhancing **security** and user management.
- Seamlessly integrated the **TMDB API** to fetch real movie data, enhancing user engagement by **20%** through dynamic page rendering and **search capabilities**.
- Implemented an **AI-driven movie recommendation feature** utilizing **OpenAI API**, enhancing content discovery and user experience.
- **Optimized application performance** by implementing **lazy loading** techniques, ensuring faster initial load times and improved user experience.
- **Technologies used:** React, Firebase, TMDB API, OpenAI API, Context API and Tailwind CSS

Food Heart - Food Ordering Web Application | Live Link Github

- Developed a fast and **responsive** food ordering app **from scratch** using **React.js** and **Redux Toolkit**.
- Integrated **real-time restaurant data** from **Swiggy Live Public API**, ensuring **up-to-date information for users**.
- Implemented essential **functionalities** including **restaurant list**, **filters**, **search**, **accordion**, and **cart**, all using **real data** from **Swiggy app**.
- Leveraged **Tailwind CSS** for modern and responsive styling, enhancing the overall user interface and experience.
- **Technologies used:** React.js, Redux Toolkit, Swiggy Live Public API, Tailwind CSS

EDUCATION

LNCT University

B.C.A. Computer Science

June 2024

Current GPA: 7.89/10.0

Kendriya Vidyalaya

Class 12

June 2021

Percent: 78/100

CERTIFICATION

Cloud Security Alliance View

Cisco

May 2023

Mathematical Thinking in Computer Science View

Coursera

Sep 2020