

Chandan kumal

Full Stack Developer

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Gurgaon, Haryana

TECHNICAL SKILLS

Language : JavaScript, C++, Java ,C

Frontend: ReactJs, JavaScript, HTML5, CSS, Tailwind CSS, Redux

Backend: NodeJS, ExpressJS, RESTFUL API

Database / DBMS : MongoDB, MYSQL

Developer Tools: Git, GitHub, VSCode, Postman, MongoDB Compass

Core CS: Data Structure and Algorithms, Object Oriented Programming, Database management system, Computer Network, Software Engineering, Operating System

PROJECTS

TRENDYHUB-MERN-COMMERCE APP ([Live Link](#)) - ([GitHub Link](#))

ReactJs, JavaScript, Redux, Node JS, Mongo DB, Express Js, Tailwind CSS

- Developed a large **scalable** full-stack platform using **MERN** Technologies which provides **advanced features** like user Authentication **designed** with NodeJS, ExpressJS, MongoDB .
- **Analyzing** collected user needs and **proposed** product features, **implemented** an effective search bar, and assisted **cart functionality** to deliver the best user Interface and experiences.
- **Integrated** Stripe for order **real payment** processing to ensure **clients'** ordering requirements are fulfilled.
- Finalized qualitative **responsive design** and leveraged the potential of react and redux for data management & config-driven UI, and jest for **Unit Testing**.

FOOD DELIVERY APP-FOOD VILLA ([Live Link](#)) - ([GitHub Link](#))

ReactJs, JavaScript, Redux, Node JS, Mongo DB, Express, Tailwind CSS, Jest, Parcel

- **Developed** a high-performing, **production-level** Food Delivery React App from Scratch.
- Implemented Redux toolkit for data management and **Employed** JavaScript to handle user interaction such as **effective search functionality** and add/remove cart.
- Utilized 4+ technologies: ReactJs for modular components, Redux for state management, Tailwind CSS for responsive design, and Jest for Unit Testing.

BUILD A VIDEO-STREAMING PLATFORM-YOUTUBE ([Live Link](#)) – ([GitHub Link](#))

ReactJs, JavaScript, Redux, Node JS, Mongo DB, Express, Tailwind CSS

- **Optimized** app **load speed** to 200ms using YouTube API V3, **Debouncing**, **cache optimization**, and live chat integration using **API Polling**.
- Facilitated property search optimization to **reduce network calls** using debouncing and cache management using the Redux store

GPT POWERED NETFLIX-NETFLIXGPT ([Live Link](#)) – ([GitHub Link](#))

ReactJs, JavaScript, Redux, Node JS, Mongo DB, Express, OpenAI, Firebase, Tailwind CSS

- Integrated a G.P.T-3.5 featuring a movie **recommendation** system that suggests a diverse selection of 20+ movies & shows with all existing Netflix features.
- Maximized Firebase for user **authentication** and TMDB API, processing 30 requests in 5s; optimized React-lazy loading (500ms).

EDUCATION

Maharshi Dayanand University Rohtak, Haryana

Aug-2019-Sep 2023

Bachelor of Technology (Computer Science and Engineering) | **CGPA: 9.2**

Secondary level

The Pine Crest School DLF-1, Gurgaon

July-2017-Aug 2019

CBSE (Class-XII) Aggregate: **70%**

Shree Bhairabkali Higher Secondary School Lamjung, Nepal

June 2017

NEB (Class - X) Aggregate: **75%**