

# Chandan kumal

Software Developer

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## TECHNICAL SKILLS

ReactJ

JavaScript

NodeJS

Express

MongoDB

SQL

C++

C#

Tailwind CSS

Jest

Git & GitHub

SDLC

HTML

CSS

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

## PROJECTS

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

React JS, Redux, Tailwind CSS, Jest, Parcel

- Developed a large scalable 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, Add/remove cart
- Leveraged an arsenal of 4+ cutting-edge technologies including ReactJs for modular components, Redux for state management, Tailwind CSS for optimizing responsive design & config-driven UI, and jest for Unit Testing.

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

ReactJs, Redux, Tailwind CSS, Debouncing, Routing

- Engineered a highly scalable, fast-loading, High-quality video streaming platform from scratch with the integration of live chat using API polling.
- Harnessed the potential of Youtube API V3 to seamlessly load the App in a 200ms timeframe with the implementation of Debouncing, and cache optimization for fast reload/render quality video.
- Facilitated property search optimization to reduce network calls using debouncing & cache management using the Redux store

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

ReactJs, Redux, 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.
- Forged the potential of Firebase web services for seamless user authentication and movie database(TMDB) API to seamlessly process up to 30 API requests within a 15-second timeframe.
- Leveraged the potential of React-lazy loading for fast loading within 500ms and implemented a tailwind CSS for a user-friendly User interface

## EDUCATION

Maharshi Dayanand University Rohtak, Haryana

Sep 2023

Bachelor of Technology (Computer Science and Engineering)

CGPA: 9.5

Secondary level

The Pine Crest School DLF-1, Gurgaon

Aug 2019

CBSE (Class-XII) Aggregate: 70%

Shree Bhairabkali Higher Secondary School Lamjung, Nepal

June 2017

NEB (Class - X) Aggregate: 75%