

# Aarsh Singh

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## SUMMARY

Frontend-focused developer experienced in building responsive, production-ready web applications using React, Redux, and Tailwind CSS.

Built real-world projects including an AI-powered movie recommendation platform and a YouTube-like application with live chat, search suggestions, and performance optimizations.

## EDUCATION

### AIF-American Indian Foundation

*Full Stack Web Development*

Sector-2, Noida

Aug. 2025 – Nov 2025

### Indira Gandhi National Open University

*Bachelor of Computer Applications*

Rajouri Garden

July. 2022 – June 2025

### Lal Bahadur Shastri Training Institute

*Web Designing*

Phase-3, Delhi

Oct. 2022 – Sep 2023

### Govt. boys senior secondary school

*Intermediate*

Delhi

Apr. 2021 – Mar 2022

## EXPERIENCE

### Fresher with Personal Projects

## PROJECTS

#### Netflix GPT | React, Redux, Tailwind CSS, Firebase Auth, OpenAI API, TMDB API

- Built an AI-powered movie recommendation platform using React with Redux for global state management
- Implemented Firebase Authentication (email/password) with protected routes and user session handling
- Integrated OpenAI API to generate personalized movie suggestions from natural language prompts
- Fetched real-time movie data, trailers, metadata using TMDB API and designed a responsive UI with Tailwind

#### YouTube Clone | React, Redux Toolkit, Tailwind CSS, YouTube Data API, Netlify

- Built a production-style YouTube clone featuring video feed, search, and watch pages using React
- Implemented real-time search suggestions with debouncing to reduce unnecessary API calls and improve performance
- Developed a live chat system with optimized state updates to handle continuous message flow efficiently
- Applied Redux Toolkit caching to minimize redundant API requests and enhance application responsiveness

#### Blog Application | React, Redux, Appwrite, Tailwind CSS

- Built a full-stack blog application using React with Redux for centralized state management
- Implemented CRUD operations allowing users to create, read, update, and delete blog posts securely
- Integrated Appwrite for backend services including authentication, database, and file storage
- Designed a responsive and clean UI with Tailwind CSS, handling protected routes and user-specific content

#### Crypto Place | React, React-Google-Charts, CoinGecko API

- Developed a responsive crypto marketplace web app using React.js.
- Integrated CoinGecko API to display real-time prices, market cap, rank, and 24h stats.
- Visualized historical trends using react-google-charts with interactive line charts.
- Implemented search and currency conversion (USD/EUR/INR) for better user experience.

## TECHNICAL SKILLS

**Languages:** HTML5, CSS3, JavaScript (ES6+)

**Libraries:** React, Redux, React Router, shadcn/ui, Axios, React Google Charts

**Tools:** Git/GitHub, Firebase, Redux DevTools, Photoshop, Vercel/Netlify, Postman

**Frameworks:** Tailwind, Bootstrap, Jest