Aman Dhiran

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Profile

I am a Full Stack Developer, with expertise in both frontend and backend technologies. Committed to continuous learning, I am eager to leverage my skills in **frontend, backend, and full-stack roles** to drive success and deliver exceptional user experiences.

Technical Skills

Languages: JavaScript, TypeScript, HTML/CSS, Python
Frameworks/Technologies: React, Node.js, Express.js, Next.js, MongoDB, Prisma, Postgresql, Tailwind CSS, AWS, Websockets
Developer Tools: Git, Docker, VS Code, Postman

Projects

Homify(link) | *Next.js, Auth.js, Redis, Prisma, Postgresql, Stripe*

- Developed an e-commerce platform for furniture with product filtering, user authentication (Auth.js and Google OAuth), Redis-powered shopping cart, and Stripe integration for a seamless checkout process
- Designed a responsive and user-friendly frontend with a focus on intuitive navigation and clean UI for a seamless shopping experience
- Integrated user authentication with Auth.js and Google OAuth for secure login and registration
- Implemented a shopping cart using Redis for efficient storage and management of user-specific cart items
- Developed product filtering for the products page, allowing users to search and filter based on categories
- Built a smooth checkout process integrated with Stripe for secure online payments
- Deployed the application on Vercel, ensuring high availability and fast performance

PlayChess(link) | *React, WebSockets, Node.js, Express, Prisma ORM, Passport.js, PostgreSQL*

- Built a real-time multiplayer chess website using WebSockets for live gameplay updates, with secure user authentication and deployment on AWS EC2 for robust performance
- Implemented **real-time game state updates** and player interactions **using WebSocket**
- Developed **secure user authentication** with OAuth and JWT using Passport.js
- Configured SSL certificates and ensured secure communication via HTTPS and WSS
- Handled session management with Prisma Session Store
- Deployed on **Vercel for frontend** and an **EC2 instance with Nginx as a reverse proxy for backend** services, ensuring reliable hosting
- Secured communication with SSL/TLS using Certbot and managed token-based authentication with JWT

Moviez(link) | *React, Redux, Tailwind, TMDB API*

- Created a movie discovery website using the TMDB API, allowing users to browse top-rated and trending content with a responsive UI and a search feature for specific movies or shows
- Used **axios library** for fetching movies information from **TMDB API**
- Users can see top-rated, trending movies and shows
- Users can search for movies and filter the results based on genres, names etc
- Watchlist feature which uses **Redux-persist** to persist the data into browser so that the users can add a movie to watchlist and come back to it later
- Implemented **Lazy Loading** for images to enhance performance and user experience
- Implemented **Infinite scrolling** to automatically fetch data on scrolling to the end

Education

Ch. Ranbir Singh State Institute of Engineering and Technology   Jhajjar, Haryana
Bachelor of Technology, Electrical Engineering   *2019 – 2023*