

ASHISH KUMAR KHATRI

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TECHNICAL SKILLS

Frontend	NextJS, Typescript, Zustand, Redux, ReactJS, TailwindCSS, HTML, CSS, JS, GSAP, Framer motion, Tanstack
Backend	NodeJS, ExpressJS
Database	MySQL, MongoDB, Postgres
Version Control	Git
Cloud	AWS
Others	Linux, Github, Gitlab, Postman, MapLibregl, openstreetmap

WORK EXPERIENCE

Software Developer(Remote)	Jun 2024 - current
Sandconsole	<i>Kathmandu, Nepal</i>
<ul style="list-style-type: none">Worked on: PIQSuite, PIQEdgeDeveloped and maintained a high-performance news aggregator platform, optimizing resource feeding and content delivery pipelines for multiple widgets.Engineered highly optimized code across the full stack using NodeJS (backend) and ReactJS/NextJS (front-end) for maximum efficiency and speed.Collaborated closely with the design team to ensure accurate and pixel-perfect implementation of UI/UX designs as per requirements.Built data-intensive optimized components that managed multiple parallel Socket connections and real-time live updates of news content.Tech Stack: NextJS, Typescript, TailwindCSS, Zustand, React hooks form, Socket, Elastic Search, CronJobs, MongoDB.	
Frontend Developer (Freelancer - Client project)	May 2024 - June 2024
Self-Employed	<i>Remote</i>
<ul style="list-style-type: none">Developed the user interface for a blogging platform specifically targeted towards the agriculture industry.Successfully integrated the Khalti wallet payment gateway, ensuring a seamless transaction experience for users.Maintained constant communication with the client throughout the project lifecycle to effectively address and cater to their evolving requirements.Collaborated closely with a Django backend developer to integrate APIs and efficiently serve all client-side frontend requirements.Tech Stack: ReactJS, Redux Toolkit, TailwindCSS, React hooks form, Git.	
Frontend Developer Intern	Feb 2024 - May 2024
Everestwalk Groups	<i>Kathmandu, Nepal</i>
<ul style="list-style-type: none">Developed the frontend for an inventory management software (Dynamic Medical Services), implementing features such as role-based authentication dashboards and core functionalities.	

- Contributed to the development of **Castin.io**, an in-house **crowdfunding web software** designed for the Entertainment industry.
- Focused on state management and optimized form handling across both projects using **Zustand** and **React hooks form**.
- **Tech Stack:** NextJS (13/12), Typescript, TailwindCSS, Zustand, React hooks form, NodeJS, MongoDB.

PERSONAL PROJECTS

WorldRadio. A web-based global radio streaming platform that efficiently visualizes and streams **5,000+ live radio stations** worldwide using public APIs and an interactive map interface. ([Live Demo](#))([Github](#))

- Built an interactive world map to display and stream **5,000+ radio stations** distributed across multiple countries.
- Integrated publicly available **Radio Station APIs** to fetch, process, and render large-scale real-time station data.
- Optimized client-side rendering and state management to ensure **smooth performance** when handling thousands of map markers.
- Implemented efficient data loading and event handling to enable seamless audio playback on station selection.
- Designed a fully responsive UI to enhance global radio discovery across devices.
- **Tech Stack:** React.js, TypeScript, Maps API (Maplibre).

MyHomeTechVerse. A full-stack modern **E-commerce Platform** featuring a dedicated **Admin Dashboard** for comprehensive product, order, and user management. ([Live Demo](#))([Github](#))

- Engineered a scalable platform using **Next.js 14** with server-side components for fast initial load times and improved SEO.
- Developed a protected **Admin Panel** to handle CRUD operations for products and manage order fulfillment.
- Integrated **Cloudinary** for scalable cloud storage and delivery of product images and media assets.
- Configured **SMTP** email service (via Gmail) for sending transaction receipts, order confirmations, and customer notifications.
- **Tech Stack:** NextJS 14, Typescript, MongoDB, NodeJS, Cloudinary, NextUI, TailwindCSS, Zustand, Node-mailer, Google SMTP.

Web Motions. A dedicated showcase of advanced, modern web animations and sophisticated UI/UX effects integrated into a performant web application. ([Live Demo](#))([Github](#))

- Created dynamic, high-fidelity UI animations using industry-standard libraries like **Framer Motion** and **GSAP** (GreenSock).
- Focused on optimizing animation performance across different devices, ensuring smooth 60fps transitions and complex motion sequencing.
- Developed the application using the **NextJS** framework, leveraging its capabilities for routing and optimized rendering of UI elements.
- Demonstrated proficiency in leveraging **TypeScript** and **TailwindCSS** to build a robust, scalable, and visually appealing component library.
- **Tech Stack:** NextJS, TypeScript, NextUI, TailwindCSS, Framer motion, GSAP.

MovieFlix. A feature-rich movie information platform that leverages the power of The Movie Database (TMDB) API to provide users with a comprehensive and engaging experience for exploring and discovering movies. ([Live Demo](#))([Github](#))

- Developed the application using **ReactJS** to build a dynamic and responsive Single Page Application (SPA).
- Implemented complex data fetching and caching logic using the native **Fetch API** to retrieve and display large datasets from the **TMDB** movie library efficiently.
- Utilized the **Context API** for centralized state management, handling application-wide data such as search results, movie details, and user preferences.
- Designed a smooth and intuitive browsing experience, incorporating the **SwiperJS** library for carousels and sliders.
- **Tech Stack:** ReactJS, Context API, Fetch API, SwiperJS, Vanilla CSS.

EDUCATION

Bachelor's in Computer Engineering, Kathmandu University

2019-2024