

Saugat Rajbhandari

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PROFESSIONAL EXPERIENCE

Meropadhai - Srijanachowk

Sep 2023 - Present

Frontend Engineer

- Led the frontend development team for **eNirman**, a **Role based SaaS platform** that improves construction project management and workflows, contributing to its recognition as a **top 5 finalist at the ICT Award 2024** in Nepal.
- Developed in-app notification and real-time chat functionality on **eNirman** using **Socket.io** to facilitate seamless communication between project managers, site engineers, and architects.
- Contributed to the development of **Meropadhai**, a Learning Management System (LMS) with **20,000 users**, utilizing Next.js to create an engaging and scalable platform.
- Contributed to the development of a **flight booking platform** by integrating the **Amadeus third-party API** to facilitate seamless flight search and booking. Leveraged **React Window** to efficiently handle and display large datasets, improving performance and user experience. Developed a **session-based functionality** for enhanced security. Integrated **Connect IPs** for payment booking.
- Developed **NepalEdu**, an educational platform providing free access to quality resources for students in Nepal, currently serving over **6,000 users**.
- Built and integrated an **AI-powered chat system** on **NepalEdu** that allows users to ask course-related questions, leveraging **server-sent events (SSE)** to stream responses in real time, enhancing user engagement and learning support.
- Worked on **GraphQL** while integrating the Hashnode Blog API to fetch and display blog content, improving content accessibility and user engagement.
- Integrated payment gateways such as **Khalti**, **eSewa**, **Connect IPS** and **Stripe** to enable secure and seamless transaction processing.
- Mentored **interns** by providing technical guidance, conducting code reviews, and offering constructive feedback to enhance their development skills.

ClinchTech - Parsyang, Pokhara

Nov 2022 - Aug 2023

Frontend Developer

- Built an interactive admin panel for a **ISys Laundry Management Platform** using React.js, enabling users to search for nearby laundries, compare services and prices, place orders, track laundry progress, and schedule convenient deliveries, resulting in a streamlined user experience and operational efficiency. Integrated **Firestore push notifications** to provide **real-time updates**.
- Contributed to **Everest Buzz**, a travel and trekking platform offering custom itineraries, travel tips, and guides for adventurers in Nepal.
- Implemented **internationalization (i18n)** to support multiple languages, enhancing accessibility and user experience for a diverse global audience.
- Utilized **Sentry** for error tracking and monitoring across applications, ensuring faster resolution of issues and improved system reliability.
- Developed high-conversion **landing pages** for companies, leveraging React.js and Next.js to highlight their offerings and drive business growth.
- Delivered a project within a tight deadline by prioritizing tasks, streamlining workflows, and maintaining high-quality standards.
- Built and optimized reusable **UI components**, enhancing development efficiency and maintaining design consistency across the platform.
- Collaborated closely with designers using **Figma** and backend developers to ensure seamless integration of frontend and backend systems.
- Leveraged Next.js features such as server side rendering (**SSR**), static site generation (**SSG**), Incremental static generation (**ISR**) to improve performance and **SEO**.

Black Tech - Zero Km, Pokhara

Jun 2022 - Oct 2022

Junior Frontend Developer (Internship)

- Contributed to **Book Lifter**, a partnership-based library platform connecting 50,000 librarians and users, enabling global access to a wide selection of books on a single platform.
- Implemented user interfaces and interactive components based on design specifications and wireframes created in Figma.
- Implemented **lazy loading** and **code splitting** to optimize resource loading and reduce initial load times, enhancing overall application performance.
- Gained experience in integrating **RESTful Apis**, working closely with backend developer.
- Designed and implemented a responsive web application using **TailwindCSS** and **Bootstrap**

SKILLS

Language : Javascript, Typescript

Framework/Library : React.js, Next.js, React Native

Frontend Libraries : Zustand, Redux Toolkit, React Query, Gsap, Framer Motion, React Hook Form

Others : Socket.io, Docker, SEO

EDUCATION

Tribhuvan University , Kathmandu, Nepal

Jul 2019 - May 2024

Bachelor of Information Management

GPA: 3.6