Binaya Bajracharya

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SUMMARY

Results-driven Frontend Developer skilled in React, Next.js, TypeScript, and modern JavaScript ecosystems. Strong focus on building scalable, high-performance, and accessible web applications with clean architecture and maintainable code. Adept at API integration, state management, and performance optimization, delivering reliable features across cross-functional teams and products used by hundreds of users.

WORK EXPERIENCE

Frontend Developer | AITC International   July 2024 – Present

- Developed and maintained scalable, high-performance web applications leveraging the Next.js 14/15 App Router with efficient routing, SSR (Server-Side Rendering), CSR (Client-Side Rendering), and React Server Components for improved load times and SEO.
- Delivered a production-ready cryptocurrency marketplace website for a Dubai-based client, implementing minimal design principles, Framer Motion animations, and SSR/CSR strategies that improved Lighthouse performance scores by 35% and reduced initial page load times by 70%.
- Engineered a comprehensive billing and accounting module for an apartment management system based on monolithic architecture, with a focus on shared components and reusable packages promoting maintainability and scalability.
- Built enterprise-grade applications including a QR-scanning dashboard and admin panels, utilizing GSAP and Framer Motion for smooth, high-performance user interactions under Next.js SSR/CSR framework.
- Integrated reusable UI components using Shadcn and Mantine libraries combined with Material-UI (MUI) to create beautiful, accessible, and responsive interfaces aligned with design systems and accessibility standards.
- Implemented state management solutions with Zustand and React Context API to enable clean, maintainable, and testable state logic across complex React applications.
- Utilized React Query for asynchronous data fetching, caching, and synchronization to deliver seamless user experiences with optimized network performance.

Junior Frontend Developer | Sunai   (Contract) June 2024 – July 2024

- Developed a AI-powered drink recommendation system for US bars and restaurants using Next.js, Radix UI, and Weaviate vector database, implementing personalized cocktail recommendations based on customer mood preferences and taste profiles.
- Implemented comprehensive analytics infrastructure using Vercel Analytics and PostHog for user behavior tracking, session replays, and feedback collection to drive data-informed product improvements and optimization decisions.

Frontend Developer Intern | HawkAi   Mar 2023 – Oct 2023

- Developed and redesigned the company website, along with sites for a US-based and a Japan-based client, delivering faster load times, improved responsiveness, and a modern design that boosted engagement and conversion potential by aligning with business goals.
- Optimized website performance through Lighthouse auditing tools by implementing lazy loading, asset optimization, and rendering improvements that enhance user experience metrics by 30% while maintaining mono repo architecture with tools using Nx.
- Established a QA process using JIRA for testing and bug tracking in Google Sheets, while drafting Agile-driven project proposals outlining timelines, and deliverables to support client acquisition.

PROJECTS

- Developed AITC Homes website *(https://aitchomes.com)* for visitor management systems with SSR and internal CMS panels that include advanced billing, loggings, roles and permission.
- Built and maintained AITC company website *(https://aitc.ai)* with extensive reusable and scalable pages architecture that showcases company portfolio.
- Developed Coinflick *(coinflick.com)* - a scalable cryptocurrency marketplace with real-time price tracking, a calculator, rich crypto information, and a fully functional admin panel.
- Built a business-driven website for Hawk AI *(hawkai.online)*, with Nextjs, HygraphCMS serving as an online presence for IT Hawk AI company.
- Developed US based real-estate Roshan Budhathoki's portfolio site based on React framework, SCSS, that showcases personal insights and services. *(http://roshanbudhathoki.hawkai.online/)*
- Maintained and contributed to a comprehensive Japan-based hostel-management system through the GAPS Consultancy platform with mono repo architecture. *(gaps.com)*

SKILLS

• **Frontend:** Reactjs, Nextjs, Redux, Zustand, Typescript, React Query, Material UI, CSS Frameworks React Native, GSAP, Framer

• **Backend:** NodeJS, C#, .Net GraphQL, Prisma, MongoDB, SQL, MVC pattern

• **Tools:** Git, GitHub, Figma, JIRA, Azure Teams, G-Suite

• **Additional:** SEO, Manual QA Testing, UI/UX, Docker

• **Soft Skills:** Project management, Teamwork, Communicative

CERTIFICATION

• SQL Essential Training — LinkedIn Learning

• Prompt Engineering — LinkedIn Learning

• Generative AI: Introduction to Large Language Models — LinkedIn Learning

• Career Essentials in GitHub Professional Certificate — Microsoft & LinkedIn

EDUCATION

B. Tech Computer Science and Engineering   Jul 2019 - Aug 2023

Lovely Professional University, India | 7.85 CGPA