

Samyak Bajracharya

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Software Engineer focused on building high-performance, interactive web applications using React.js and Next.js. Passionate about crafting seamless user interfaces, optimizing performance, and writing clean, maintainable frontend code. Committed to advancing as a specialist in modern frontend development.

SKILLS

Languages & Frameworks

JavaScript (ES6+), TypeScript, React.js, Next.js

Styling & Animation

TailwindCSS, Material UI, GSAP, Flowbite-React, React Router

State & API Management

Redux Toolkit, Context API, TanStack Query, REST APIs, Firebase

Soft Skills

Agile Collaboration, Debugging, Responsive Design, UI/UX Awareness, Problem Solving

Testing & Performance

Jest, Cypress, Lighthouse, Lazy Loading, Image Optimization, Code Splitting

Tools & Platforms

GitHub, GitLab, Vite, Yarn, NPM, Postman, Figma, Vercel, Docker

PROJECTS

E-commerce Website

Tech Stack: React.js, Redux, Context Api, Firebase, Tailwind CSS, GitLab

- Collaborated in an Agile team using Jira for task tracking and GitLab for version control.
- Implemented global state management using Redux Toolkit and Context API to handle product data and cart states efficiently.
- Integrated Firebase for real-time database and used Node.js to simulate secure API calls during development.
- Boosted Lighthouse SEO and performance score from 75 to 95+ by optimizing image loading, lazy loading components, and eliminating render-blocking scripts.

Travel Planner

Tech Stack: Next.js, RapidAPI, Tailwind CSS, flowbite-react, Github, GSAP, Vercel

- Built a travel planning platform with real-time weather, currency exchange, and integrated Leaflet.js for interactive map visualization
- Connected RapidAPI to fetch real-time data for weather conditions and currency conversions with custom UI cards for display.
- Ensured content was SEO-friendly using Next.js's SSR capabilities and Firebase's dynamic route indexing.

Portfolio Website

Tech Stack: Next.js, Tailwind CSS, GSAP, JavaScript, FontAwesome, Vercel

- Developed a responsive personal portfolio with interactive animations (timeline, skill circles) using GSAP and custom TypeScript.
- Optimized SEO, performance (lazy loading, image optimization), and deployed the site on Vercel for production-ready hosting.

CERTIFICATIONS & BOOTCAMPS

11/2024 – 02/2025	React.js Broadway Infosys	Credential ID : B21372
12/2024 – 01/2025	Frontend Development Libraries freeCodeCamp	
11/2024 – 12/2024	JavaScript Algorithms and Data Structures freeCodeCamp	

EDUCATION

Expected Graduation : 2025	Bachelor's in Computer Engineering Nepal College of Information Technology Relevant Courses: <ul style="list-style-type: none">Mobile And Web Application TechnologyObject Oriented Software EngineeringICT Project ManagementInformation Systems	Lalitpur, Nepal
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