





Kalyan Bikram Adhikari

 <https://kalyanbikramadhikari.netlify.app/>  <https://github.com/Kalyanbikramadhikari/>  <https://www.linkedin.com/in/kalyan-bikram-adhikari-495907266/>
 kalyanad100@gmail.com

Skills

Frontend: React JS, Redux Toolkit, Tailwind CSS, Material UI, HTML, CSS, JavaScript

Backend: Node.js, Express

Tools & Libraries: ReactQuill, GSAP, Axios, React Hook Form, React PDF

Version Control: Git, Github

Database: MongoDB, MYSQL

Work Experience

TechGlazers Pvt. Ltd.

Jun 2024 - PRESENT

Frontend Developer

- Optimized data caching mechanisms, reducing frontend database requests by **40%**, resulting in faster data retrieval and enhanced user experience.
- Implemented debouncing techniques for search and input fields, reducing unnecessary component re-renders and database request by over **200%**, thereby improving application performance.
- Collaborated closely with designers to develop applications achieving **95%** design-to-implementation accuracy.
- Implemented pessimistic updates eliminating the need for manual page reloads and reducing dependency on the window reload function by **100%**.
- Engineered a dynamic PDF generation system using reactPDF, based on client requirements, enhancing the client satisfaction by **30%**
- Implemented responsive designs across multiple devices, reducing device-xspecific bugs by **60%**

Techore Solutions

Nov 2022 - Jan 2024

Frontend Developer

- Integrated responsive design principles and turned static web pages into dynamic ones, reducing device-specific bugs by **35%**
- Achieved a significant reduction of up to **40%** in loading time by optimizing components and effectively using React lifecycle methods
- Increased user experience by **30%** using different React packages.
- Successfully applied Agile methodologies, especially [Sprint, Kanban], which increased task completion by **45%**.

Digital Learning Research Lab

Feb 2024 - April 2024

Web Developer

- Developed **2 responsive websites** compatible with mobile, PC, and tablet screens.
- Introduced new plug-ins and extensions to make the website more usable and interactive, increasing satisfaction by **35%**
- Updated websites as instructed by the research head to introduce new features and content.

Education & Qualification

Bachelors in Computer Science

Sept 2019 - July 2024

Kathmandu University, Dhulikhel

Relevant Courses: Data Structure & Algorithms, Database Systems, Machine Learning, Deep Learning & Neural Network, C, C++, .

10 +2

July 2017 - Apr 2019

Nepal Police School, Sanga, Kavre

SEE

Apr 2012 - Apr 2017

Nepal Police School, Sanga, Kavre

Projects

Project 1 [Base64 to Image Converter]

- Developed an efficient Base64 to Image Converter library that seamlessly converts Base64-encoded strings into usable image URLs, enhancing image handling in client-side applications.
- Implemented direct storage of converted image data in the local state, eliminating the need for complex file storage paths and reducing server load.
- Simplified image management in React projects by eliminating the need to save images to specific directories, streamlining front-end development workflows.
- Enhanced the user experience by offering a straightforward API for converting and rendering images directly from Base64-encoded data, making it easier to handle user-uploaded images.
- Contributed to the open-source community by providing a lightweight, reusable, and optimized solution for Base64 image conversion, compatible with various front-end frameworks.

[GitHub: https://github.com/Kalyanbikramadhikari/base64-to-image](https://github.com/Kalyanbikramadhikari/base64-to-image)

Project 2 [exploreLive]

- Developed a platform to book various homestays across the country.
- Leveraged React framework along with React Redux for state management, React-Toastify for notifications, React Toolkit for efficient Redux management, and Material UI for UI components.
- Reduced user errors by **20%** by implementing a user-friendly interface.
- Enabled users to find the perfect homestay **40%** faster with diverse filtering options.
- Integrated Stripe for seamless and secure payment processing.

[GitHub: https://github.com/Kalyanbikramadhikari/exploreLive](https://github.com/Kalyanbikramadhikari/exploreLive)