

Bina Duwal

Full Stack Developer

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SUMMARY

Full Stack Developer with 2+ years of experience building high-performance, scalable web applications using React.js, Next.js, and TypeScript. Experienced in designing reusable UI components, optimizing application performance, integrating REST APIs, and contributing to backend development with Node.js and Express.js. Passionate about creating intuitive user experiences and writing clean, maintainable code.

SKILLS

- **Frontend Development:** HTML, CSS, JavaScript, React.js, Next.js, TypeScript
- **State Management:** Redux Toolkit, Context API, Zustand, React Query (Tanstack Query)
- **Backend & APIs:** Node.js, Express.js, API integration, Postman
- **Database:** MongoDB, MySQL
- **Tools:** Git, GitHub, Docker, Agile/Scrum
- **Testing:** Jest, Playwright
- **Soft Skills:** Attention to Detail, Problem-solving, Teamwork, Adaptability, Eagerness to Learn

PROFESSIONAL EXPERIENCE

Uplift Solutions

Frontend Developer

08/2025 – Present

Chakupath, Lalitpur

- Developed and maintained responsive, cross-browser web applications using **React, Next.js, TypeScript, and Tailwind CSS** across multiple production projects, including **Bodykore Ecommerce, Bodykore CMS, Dealer Resource Portal, NTUC Website, and NTUC Dashboard**.
- Built reusable, scalable UI components while ensuring consistent user experience across desktop and mobile devices.
- Collaborated with designers, QA, and backend developers to deliver features aligned with business requirements.
- Tested, integrated, and consumed **RESTful APIs**, validating data integrity and ensuring reliable application behavior.
- Contributed to **backend development** by building and maintaining **Node.js/Express.js APIs**, implementing business logic, and supporting frontend integration.
- Improved application quality by identifying and resolving UI inconsistencies, functional bugs, and performance issues.
- Verified SEO metadata, page structure, and dynamic content to improve search engine visibility and content accuracy.

SysQube Technology

Frontend Developer

03/2025 – 07/2025

Sankhamul, Kathmandu

- Built an Order Management System with secure role-based access control (RBAC), handling both frontend and backend development.
- Developed a CMS using React and Redux Toolkit with reusable components and a scalable architecture. Also worked on the backend, creating APIs and connecting them with the frontend.
- Built and integrated RESTful APIs, worked with databases, and developed responsive, user-friendly interfaces that worked well across different screen sizes.

- Executed API performance testing that improved data transfer speed by approximately 33%, demonstrating strong analytical and problem-solving skills.
- Performed functional testing of customized software features built in JavaScript and Java, verifying frontend/backend enhancements.
- Collaborated with senior developers to troubleshoot issues, document defects, and verify fixes against expected behavior.

PROJECTS

Bodykore Ecommerce Website

Next.js, TypeScript, Shopify, Zustand, Framer Motion, Node.js, Express.js

- Led frontend development of a scalable e-commerce platform using Next.js and TypeScript, focusing on performance and user experience.
- Designed and implemented reusable UI components to maintain consistency across product listings, detail pages, and checkout flows.
- Built and integrated **RESTful APIs** for frontend features and collaborated on backend services using **Node.js** and **Express.js**.
- Optimized data loading and rendering using lazy loading and React Suspense, reducing initial load time and improving perceived performance.
- Improved **SEO** structure and integrated analytics tracking (Meta Pixel) to support marketing and user behavior insights.
- Rendered dynamic pages using Puck Editor and resolved key cart issues to enhance user flow.

Bodykore CMS

React, TypeScript, Tailwind, Zustand, Node.js, Express.js

- Developed a reusable, JSON-driven form architecture with dynamic field rendering, significantly reducing development time for new forms.
- Managed complex form state, validation, and submission workflows using **React Hook Form** and custom hooks.
- Integrated **Puck Editor** to enable flexible, non-technical content management.
- Developed and integrated backend APIs using **Node.js** and **Express.js** to support CMS functionality and data management.

Bodykore Dealer Resource

React, TypeScript, Tailwind, Zustand

- Built generic, reusable UI components by extending shadcn/ui, improving consistency and reducing development time across the application.
- Streamlined data fetching and state management using custom React hooks for better code modularity and reusability.
- Implemented optimized search functionality using debouncing and memoization techniques, enhancing performance and reducing unnecessary re-renders.

Nepal Trade Union Congress(NTUC)

Next.js, TypeScript, Zustand, Framer Motion, Tailwind CSS

- Developed a responsive website for the Nepal Trade Union Congress (NTUC), ensuring smooth navigation on desktop and mobile.
- Built dynamic pages for news, events, campaigns, publications, and organizational information.
- Implemented internationalization (i18n) to support seamless English–Nepali language switching and improve content accessibility.
- Optimized application performance through efficient state management and reusable component architecture.
- Integrated RESTful APIs to display dynamic content and ensure reliable data synchronization..

NTUC Dashboard

React, TypeScript, Zustand, Tailwind CSS

- Developed a scalable admin dashboard using **React** and **TypeScript** to manage organizational data and administrative operations.

- Built reusable UI components, including tables, forms, modals, and filters, to accelerate feature development and maintain a consistent user interface.
- Improved rendering performance using **useMemo**, **useCallback**, and optimized state management to minimize unnecessary re-renders.
- Designed a scalable frontend architecture that supports efficient data handling, modular feature development, and future expansion.
- Integrated RESTful APIs for CRUD operations and collaborated closely with backend developers to deliver end-to-end functionality.

EDUCATION

Bachelor in Computer Science and Information Technology <i>Bhaktapur Multiple Campus</i>	2020 – 2025 Dudhpati, Bhaktapur
Khwopa College <i>Science +2</i>	2018 – 2020 Dekocha, Bhaktapur

CERTIFICATES

Data Analysis with Python <i>Cognitive Class</i>	Python Bootcamp <i>Bhaktapur Multiple Campus</i>
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