Diwash Bhattarai

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Professional Summary

Full Stack Developer with around 2 years of hands-on experience building scalable, production-ready web applications. Passionate about clean architecture, developer tooling, and open-source contributions.

Education

Bhaktapur Multiple Campus • Bachelor of Science in Computer Science and Information Technology (B.SC. CSIT), Dudhpati, Bhaktapur Apr 2021 – June 2025

Xavier International College • +2 Science, Kalopul, Kathmandu Apr 2019 - Apr 2021

Experience

Upachaar Nepal • Full Stack Developer Jun 2024 - current*

- Built and maintained scalable frontends for patient, doctor, clinic, admin and logger portals using React, Typescript, Tailwind CSS, Shadcn UI, and state management tools like Redux Toolkit and React Query.
- Developed and maintained RESTful APIs and microservices using Node.js, Express, MongoDB, and Firebase, deployed with PM2, Docker and GCP(Google Cloud Platform).
- Built and published reusable UI components to npm and GitHub Registry to streamline internal development.
- Led onboarding and mentorship for interns, teaching best practices and core concepts of Javascript, React, Git and scalable project architecture.
- Wrote integration and unit tests for the admin server, ensuring reliability and correctness of critical backend functionalities.

Fact Digi • Junior Frontend Developer Jan 2024 – Jun 2024

- Designed and developed responsive and production-ready frontends for platforms like AI Color Analysis, Themjo Traders, Service Provider and the Company Website using React, Next.js, Typescript and Tailwind CSS.
- Collaborated with backend developers to integrate REST APIs into the frontend interfaces with attention to error handling using error boundaries and suspense.
- Improved SEO by adding sitemaps, metadata, opengraph images, robots server side rendering using Next.js.
- Implemented CI/CD pipelines using github actions and contenarization using Docker and Nginx for deploying in AWS EC2.

KSW Techzone • Frontend Developer Intern Nov 2023 - Jan 2024

- Contributed to the frontend development of e-commerce platforms, booking applications, and portfolio websites.
- Enhanced existing design systems and applications to ensure a consistent user experience across all platforms.
- Collaborated with the team to implement frontend functionalities based on project requirements.
- Worked on improving UI/UX aspects and responsive design principles were applied effectively.

Latest Personal Projects

Smart Yatra • QR-based public transport system developed as a college project.
Technologies: Next.js, TypeScript, Openstreet map, Leaflet.js

- Smart Yatra is a digital public transport management system that enhances commuting efficiency in Kathmandu Valley. It enables passengers to board and exit buses using QR codes, calculates fares based on travel distance, and optimizes routes using OpenStreetMap and OSRM API.
- Designed and Built the frontend system for smart-yatra and integrated REST APIs.

Good Buy • Full stack e-commerce application
Technologies: Next.js, TypeScript, Prisma, MongoDB, Tailwind CSS, Auth.js

- Built a full stack ecommerce web application using Next.js for server-side rendering.
- Implemented TypeScript for type-safety and Prisma for efficient database management with MongoDB.
- Designed responsive and modern UI using Tailwind CSS and implemented authentication using Auth.js.

Gov Certify • [Full stack e-governance application](#)
Technologies: Next.js, TypeScript, Prisma, MongoDB, Tailwind CSS, Auth.js

- Developed an online certificate registration platform, streamlining certificate issuance and registration for citizens.
- Integrated Prisma with MongoDB for scalable data management and implemented secure user authentication.
- Designed a responsive and user-friendly interface using Tailwind CSS, ensuring accessibility across all devices.

Moviz • [Movie Searching website](#)
Technologies: React.js, Redux Toolkit, TMDB API

- Developed a movie searching app with React.js and Redux Toolkit for state management
- Integrated TMDB API to fetch movies and TV series data, providing users with up-to-date information.

More Projects and Contributions

- Contributed to [once-ui open-source starter](#) and listed on their [Hall of Fame](#)
- [Foundation Docs using FumaDocs](#)
- [Scalable Express.js starter template](#)
- Scalable Front-end starter template ([React + Vite](#), [Next.js Frontend](#) & [Next.js Full-stack](#))
- Created authentication using [Next-Auth-v5](#), earning **100+ stars on GitHub .**

Skills

Frontend HTML5 • CSS3 • Tailwind CSS • JavaScript • TypeScript • React JS • Next.js • Redux • React Query • Shadcn UI • Zod • React Router

Backend Node.js • Express.js • MongoDB • Next.js • Firebase • REST APIs

Tools Git • GitHub • VS code • npm • pnpm • yarn • Eslint • Prettier • Husky • Github Actions • Docker