Bibek Lamichhane

9866042072 | Lalitpur, Nepal
viveklc99@gmail.com | linkedin.com/in/bibeklamichhane | bibeklamichane.com.np

Education

Paschimanchal Campus(IOE WRC) Pokhara
Bachelor in Computer Engineering

Experience

Software Engineer August 2025 – Present
Open Learning Exchange (OLE) Nepal *Kathmandu*

- Building interactive learning platforms for children, targeted at government and remote school students across Nepal
- Developing interactive, game-like lessons and reusable lesson templates that make the school curriculum engaging
- Developing an integrated platform that brings all learning sub-platforms together in one place
- Writing unit test cases
- Tech Stack: **Typescript, React, Next.js, Shadcn, Tailwind CSS, Framer Motion**

Software Engineer February 2025 – August 2025
Mantra Ideas *Kathmandu*

- Developed call center software for inbound/outbound communication with integrated AI
- Owned the backend of a full stack e-commerce application, building it with Node.js, Express and MongoDB
- Designed and developed RESTful APIs for products, user authentication, cart, orders and admin management
- Designed MongoDB data models for products, users and orders, and integrated Firebase for authentication and media storage
- Built the frontend with Next.js and React Query, connecting it end to end with the backend APIs
- Wrote unit test cases
- Tech stack: **Typescript, React, Next.js, Node.js, Express, MongoDB, Firebase, Material UI, GraphQL, Ant Design**

Freelance Fullstack Developer June 2024 – December 2024
Meroparty visit *Kathmandu*

- MeroParty is an Event Management Software for Banquet halls and Party Palaces
- Developed UI for admin app using Ant Design and React
- Developed RESTful APIs with Node.js and Express
- Tech stack: **Typescript, React, Ant Design, Node, Express, MariaDB**

Frontend Intern Feb 2024 – May 2024
Shotcoder Tech *Kathmandu*

- Developed School Management software using React.js and Tailwind CSS
- Worked with React Query and SWR for smooth API integration

Technical Skills

Languages: Typescript/Javascript, SQL
Frameworks: React, Next.js, Node.js, Express, Material UI, Ant Design, Shadcn, Chakra UI, GraphQL
Developer Tools: Git, Gitlab, Docker, Linux
Database: MongoDB, PostgreSQL, MariaDB, Firebase
API: Postman, Swagger, Thunderclient

Projects

OLE Nepal Learning Platform *visit* Next.js, React, TypeScript, Redux, Shadcn, TanStack Table, Django

- Built the virtual classroom and assignment marketplace for OLE Nepal's Seepalaya learning platform (Next.js/React/TypeScript), used by teachers and students across Nepal.
- Added Google OAuth login, student invites by email, link and CSV, and data tables with sorting, bulk actions and infinite scroll using TanStack Table.
- Translated the platform into Nepali, English and Tibetan, and built a script converter for regional languages.
- Building user analytics and a learning progress dashboard covering six content types.

ePaath – Interactive Learning Platform *visit* React, Vite, Tailwind CSS, Shadcn, Framer Motion, dnd-kit

- Designed and developed interactive learning chapters and lessons that turn school curriculum into engaging, game-like experiences.
- Built reusable, JSON-driven lesson templates that let the content team create new lessons without code changes.
- Created smooth 2D animations, transitions and celebration effects to keep young learners engaged.
- Implemented drag-and-drop, tap-to-match and other gesture-based interactions for hands-on learning.
- Built assessment flows with real-time feedback, rewards and answer review to reinforce understanding.
- Delivered multilingual (English and Nepali), responsive, child-friendly UI across web, desktop and app builds.

OCCS - AI powered call center *visit* Next.js, Redux,Shadcn,Django

- Developed call center software for inbound/outbound communication with integrated AI
- Worked on client and agents dashboard
- Worked on writing test

BC Digital - E-commerce Platform *visit* *React, Node.js, Express, MongoDB, Firebase*

- Built a full-stack e-commerce platform with a responsive React frontend and Express/Node.js backend.
- Implemented product listing, user authentication, cart, order tracking, and admin management features.
- Used Firebase for authentication and media storage; MongoDB for scalable data persistence.
- Ensured secure user sessions and optimized performance with RESTful API integration.

MovieSansaar - Movie Streaming App *visit* *React, TS, React Query, Chakra UI, NodeJS, TMDB API*

- Movie sansaar is a movie streaming platform providing a smooth streaming for Movies and Web series
- Emphasized efficient data fetching using React Query and built modular, maintainable components in TypeScript.
- Integrated a sleek, responsive UI using Chakra UI and ensured SEO-friendly routing.
- Built the backend with Express to manage content delivery and user sessions.