

Prince Sapkota

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Education

St. Xavier's College
Bsc CSIT (**Graduated**)

Maitighar
2020 – 2025

Technical Skills

Languages: JavaScript, TypeScript, React.js, Next.js, HTML/CSS, SQL, PHP
Frameworks: React.js, Next.js, Vite, Tailwind CSS, Livewire, Laravel
Databases: MySQL, PostgreSQL, MongoDB
Developer Tools: Git, Docker, Postman

Experience

React and Laravel Developer

November 2024 - June 2025

BUDDHA TECH

- Engineered the entire front-end for projects using Next.js and TypeScript, building pixel-perfect, responsive UIs from Figma designs
- Engineered and integrated RESTful APIs to ensure seamless data exchange between front-end and back-end systems, improving application responsiveness.
- Spearheaded the revamp of the corporate website by implementing a robust, custom CMS, which improved content management efficiency for the marketing team.
- Collaborated in an agile team with senior developers to design, develop, and deploy scalable web features, participating in code reviews to maintain high code quality.
- Refactored legacy code in an HR training application, improving code visibility and maintainability.
- Implemented security best practices during development to protect data and application integrity

Projects

1. **Buddha Tech Website Revamp** ([live](#))

Tech Stack: Next.js, Laravel, MySQL, Figma

- Developed responsive website with content management capabilities
- Created website following provided Figma design specifications and client requirements
- Implemented incremental static regeneration (ISR) using Next.js for improved performance
- Added image optimization and lazy loading for improved page performance

2. **Buddha Tech CMS System**

Tech Stack: Laravel, Sanctum, Intervention Image, Blade

- Developed a content management system for non technical users who can change content of frontend dynamically and also retrieve information of job applications
- Used Laravel Breeze for lightweight, starter authentication scaffolding and leveraged Laravel Sanctum to secure API authentication.
- Integrated CKEditor as a rich text editor for easy content creation.
- Integrated Intervention Image library for converting images to WebP format and applying slight compression for faster load times.

3. **Buddha Air HR Training**

Tech Stack: Laravel, Livewire, Blade, MySQL

- Enhanced a legacy HR application by integrating Livewire components for dynamic user interactions without page reloads, improving user experience.
- Developed and deployed a key feature for displaying online training availability, directly impacting user engagement.

- Performed testing and debugging to ensure high application functionality and performance.

Freelancing Project

4. *Depth Nepal Website* ([live](#))

Tech Stack: Next.js, Typescript, tailwind

- Built a pixel-perfect implementation of the company's design using Next.js and Tailwind CSS.
- Focused on code maintainability, fast load times, and clean structure for scalability and SEO.
- Ensured cross-browser compatibility and responsive design across all devices.

Personal Projects

5. *wifiqr.tech – WiFi QR Code Generator Website* ([live](#))

Tech Stack: Next.js, TypeScript, ShadCN, Docker, PWA

- Designed and developed a customizable WiFi QR code generator with a clean, minimal UI.
- Leveraged ShadCN UI components for modern and accessible design.
- Implemented Progressive Web App (PWA) functionality for offline access and native app-like behavior.
- Fully Dockerized for consistent environment setup and deployment.
- Focused on performance, responsiveness, and SEO optimization.

6. *NepalTrek – Discover and Compare Treks* ([live](#))

Tech Stack: Next.js, TypeScript, ShadCN, Docker, PWA

- Developed TrekNepal, a web application that helps users find, compare, and plan treks in Nepal using Next.js
- Created a data processing script that converts CSV data to structured JSON
- Built interactive features including a dynamic map interface, advanced filtering system, and trek comparison tool
- Implemented a cost prediction that estimates trek expenses with 85% accuracy based on historical data and user parameters,

College Final Year Project

7. *Centralized Kubernetes Management Tool with GUI and Auto-Scaling*

Tech Stack: React, Jenkins, Ansible, Kubernetes, Docker

- Developed a centralized management tool for Kubernetes clusters with a graphical user interface (GUI) and automated node scaling for multi-cluster environments.
- Incorporated CI/CD pipelines using Jenkins and Ansible for automated container image builds, testing, and deployment, ensuring consistent configurations.
- Integrated auto-scaling functionality to dynamically adjust nodes based on resource demand, optimizing performance and reducing costs.