

# BINAYA KARKI

React Developer

Bhaktapur, Nepal | (+977) 9844442033 | [Binay7587@gmail.com](mailto:Binay7587@gmail.com) | [linkedin.com/in/binay7587/](https://www.linkedin.com/in/binay7587/) | <https://binayakarki.com.np>

## Experience

### REACT DEVELOPER, RIDDHASOFT PVT. LTD

AUGUST 2023 – PRESENT

- Develop and maintain web applications using Next.js for efficient and performant user interfaces.
- Integrate and customize ERP systems, with a strong focus on accounting modules, streamlining financial workflows.
- Implement secure authentication and authorization mechanisms, including role-based access controls and fingerprint authentication, while ensuring an intuitive UI/UX.
- Build and manage locker system features, including availability status, allocation, and user permissions, with added fingerprint authentication for enhanced security.
- Collaborate with accounting and finance teams to understand business needs and optimize ERP functionalities.
- Identify and address performance bottlenecks in the application to enhance speed and user experience.
- Participate in an Agile development environment, contributing to sprint planning, reviews, and retrospectives to drive project success.
- Integrate front-end with backend APIs, ensuring smooth data communication and optimal performance.

**Skills:** Next.js, React.js, JavaScript, TypeScript, Tailwind CSS, React Query, Material UI, REST API

### BACKEND DEVELOPER, PRITHAK CREATION

JUNE 2020 – JULY 2021

- Designed and implemented a complete relational database schema, ensuring scalability and performance optimization.
- Developed fully functional web applications from scratch and modified existing ones to improve efficiency and usability.
- Created and optimized RESTful APIs to enhance seamless communication between frontend and backend systems.
- Worked closely with the frontend team to integrate APIs and troubleshoot integration issues.
- Developed SaaS (Software as a Service) applications, ensuring multi-tenancy, security, and maintainability.
- Implemented authentication and authorization mechanisms using JWT for secure access control.
- Improved query performance by optimizing database queries and implementing indexing strategies.

**Skills:** Laravel, PHP, MySQL, REST API, SaaS Development, Database Design, JWT Auth

### JUNIOR BACKEND DEVELOPER, PRITHAK CREATION

MARCH 2020 – MAY 2020

- Researched and implemented the MVC pattern using Laravel, ensuring a structured and modular codebase.
- Refactored existing code to improve coding standards, readability, and maintainability, leading to better performance and scalability.

- Developed a Content Management System for an organization, enabling easy content updates and management.
- Enhanced website performance and security by implementing SQL query optimizations, and secure coding practices.
- Worked with version control systems (Git, GitHub) to manage and track code changes efficiently.

**Skills:** Laravel, PHP, MySQL, REST API, JWT Auth, Git

## Personal Projects

### PASALIFY – SAAS ECOMMERCE PLATFORM, FULLSTACK

MAY 2024 – PRESENT

- Developed a multi-tenant SaaS eCommerce platform, allowing businesses to create and manage their own online stores with custom configurations.
- Built a dynamic website builder with a list of custom Tailwind CSS components, allowing users to design their storefronts with flexibility.
- Enabled theme customization, allowing users to modify fonts, colors, and overall UI elements for a personalized brand experience.
- Developed RESTful APIs with Express.js and MongoDB, ensuring seamless data management.
- Optimized API performance using caching strategies using redis and efficient database queries.
- Implemented authentication and authorization using JWT to ensure secure access for users.
- Integrated analytics and reporting tools, providing insights on store performance, customer behavior, and sales trends.

**Skills:** Next.js, TypeScript, Tailwind CSS, React Query, Express.js, REST API, MongoDB

### SWASTHYA RAKSHAK – HOSPITAL MANAGEMENT SYSTEM, FULLSTACK

NOVEMBER 2021 – JUNE 2022

- Developed a hospital management system with separate patient, doctor, and admin functionalities.
- Designed an intuitive dashboard for doctors to manage appointments, patient records, and prescriptions.
- Built a patient portal for online appointment booking, medical history tracking, and prescription.
- Developed an admin panel to manage hospital operations, including doctor schedules, patient records.
- Implemented authentication and authorization using JWT for secure login and user management.
- Developed RESTful APIs using Express.js and MongoDB, ensuring seamless data exchange and efficient performance.

**Live Link:** <https://swasthya-rakshak.vercel.app/>

**Skills:** React.js, Express.js, REST API, MongoDB, Bootstrap

## Education

### ISMT COLLEGE (AFFILIATED TO UNIVERSITY OF SUNDERLAND)

2018 – 2022

BSc (Hons) Computer Systems Engineering

## Key Skills

- Javascript / Typescript
- Node.js
- Tailwind
- React.js
- Express.js
- Mongo
- Next.js
- Laravel
- Zustand