

Sabin Karki

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 Hetauda 1, choukitole ,
Makwanpur

ACHIEVEMENTS

Laravel Package Development

Developed custom Laravel packages to extend application functionality, including advanced features for user authentication, role management, and other tailored solutions based on project requirements.

SKILLS

- laravel
- Flutter
- React
- MySQL
- Python
- Git / Github
- Javascript
- Docker
- Redis

LANGUAGE

Nepali

English

Hindi

EDUCATION

Bachelor in Computer Application

Hetauda School of Management / Hetauda / November, 2021 - Present

Four year undergraduate degree program that focuses on the fundamentals of computer science and application development, designed to equip students with essential knowledge and skills in areas like programming, database management, software development, and web technologies, preparing them for careers in the IT and software industry.

EXPERIENCE

Internship

Prabidhee Innovations / Hetauda / October, 2024 - December, 2024

- Developed a custom Laravel application, reducing page load times by 30%.
- Optimized database performance, improving data retrieval speeds by 20%. Implemented Role-Based Access Control (RBAC) for enhanced security.
- Utilized PHP Unit to ensure code quality, reducing bugs by 15%. Integrated APIs for seamless functionality.

Full Stack Developer

Prabidhee Innovations / Hetauda / January, 2025 – March 2026

- Built and maintained responsive full-stack web applications using Vue.js and Laravel.
- Developed desktop applications using Flutter for cross-platform functionality.
- Utilized PHP Unit and Clockwork for testing and debugging, reducing production issues by 15%.
- Designed and optimized databases to improve performance and scalability.
- Collaborated in an Agile workow and managed code repositories using Git for seamless team coordination.

Full Stack Developer

Avenir Tech / Hetauda / May 2026 - Current

- Design, develop, and maintain scalable web applications across both frontend and backend systems.
- Collaborate with cross-functional teams to deliver high-quality software solutions.
- Implement responsive user interfaces and develop RESTful APIs.
- Optimize database performance and ensure application security and reliability.
- Work with FastAPI, React.js, and modern frameworks to build efficient, user-focused applications.
- Participate in code reviews, testing, debugging, and continuous improvement of development processes.

PROJECTS

Accounting Software

Integrated Nepali date functionality into an accounting system using Laravel's Eloquent ORM, enabling localized nancial transaction management. Implemented date conversions for seamless database queries, improving accessibility and transaction accuracy for Nepali users.

Registration and Invoice Management System

Developed a system using Laravel and Vue.js, featuring real-time invoice updates with Laravel Echo and automated recurring invoice scheduling. Streamlined registration, invoicing, and notications, enhancing eciency and automation.

Advertisement Management System

Created a campaign management platform with Laravel and Vue.js, incorporating real-time analytics, scheduling, and automated ad placements. Improved campaign eciency and provided actionable performance insights.

Content Management System

Developed a user-friendly CMS using Laravel and Vue.js during an internship, demonstrating expertise in dynamic web application development.

Nisankoch

Developed an anonymous mental health community platform for Nepali women using FastAPI, PostgreSQL, and Redis, enabling users to share experiences and seek peer support without revealing their identity. Implemented a 4-tier role-based access control system with ARQ background task processing and Docker containerization, ensuring secure moderation, scalability, and reliable performance.

Safeland Education

Built a study abroad education platform managing the complete student journey using FastAPI and Vue.js, featuring university and course catalogs, application tracking, and real-time notifications powered by WebSockets. Developed 25+ administrative modules with dashboard analytics and automated admission workflows, streamlining operations for students, counselors, and institutions.