

# Pabitra Kharel

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

## About Me

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I'm a backend developer skilled in Node.js, Express, MongoDB, and TypeORM, with a strong focus on building secure and scalable APIs. I'm passionate about learning, writing clean code, and growing my expertise, and I'm now expanding my skill set to further strengthen my backend capabilities.

## Skills

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- **Language:** JavaScript, TypeScript
- **Framework:** React, NextJS
- **Frontend & Backend:** HTML5, CSS3, Bootstrap, Tailwind CSS, NodeJS, ExpressJS
- **Database:** MySQL, PostgreSQL, MongoDB
- **Backend Skills:** Schema Design, Query Optimization, Caching, Cron Jobs
- **Authentication and Security:** JWT, OAuth, RBAC, API Security Best Practices
- **Version Control:** Git, GitHub
- **API & State Management:** Axios, Redux, Restful APIs, GraphQL
- **Architecture:** Monolithic, Microservices

## Work Experience

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### Backend Developer | W.A.S Media Marketing

Nov 2024 – Present

- Built and maintained secure, scalable backend systems with Node.js, MongoDB, and Express.js, improving performance.
- **Projects:** B.T.M.C. Foundation, Dharma Ideal, Trinity Waterproofing, Ngyungne

### Backend Intern | Nimble Bees

Jun 2024 – Oct 2024

- Developed efficient backend systems using asynchronous programming, event-driven architecture, and optimized database design.
- **Projects:** Collaboration Platform, To-Do Manager

### IT Development Intern | Velox Labs

May 2023 – July 2023

- Optimized website SEO by enhancing metadata, keyword usage, and indexing based on search engine best practices

## Projects

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- **Ngyungne Practice:** Built backend with Next.js, MongoDB, and OAuth integration.
- **Trinity Waterproofing:** Implemented RBAC and authentication using MERN stack backend.
- **B.T.M.C. Foundation:** Built secure MERN backend with Node.js and authentication support.
- **Collaboration Platform:** Built backend in Node.js and Express.js with PostgreSQL database.
- **WanderMate-TourBot:** Created chatbot backend using MERN and integrated NLP.js library.
- **College Management System:** Designed backend in Django, MySQL with HTML, CSS frontend.

## Education

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Kathmandu Engineering College, Kalimati, Kathmandu

2021 - 2025

B.E. in Computer Engineering