Pabitra Kharel

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GitHub | LinkedIn | Portfolio

About Me

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

- **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

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

- **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 PostgresSQL 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

Kathmandu Engineering College, Kalimati, Kathmandu **2021 - 2025**

B.E. in Computer Engineering