

# Pukar Khanal

Pokhara-35, Gandaki • +977 9765678465 • [pukarkhanal5@gmail.com](mailto:pukarkhanal5@gmail.com) • <https://pukarkhanal.vercel.app>

I'm a passionate Next.js Developer with a strong background in both frontend and serverless backend development. I've written a lot of JavaScript and I have experience working with exciting frontend libraries like Framer Motion, GSAP, and Three.js, alongside databases like MongoDB for NoSQL and Supabase for SQL.

I've built several full-stack web applications, focusing on best practices to ensure top performance. In my latest project, ChessDream, I implemented server actions for fast data fetching with MongoDB and created real-time chess games using Supabase Realtime and WebSockets. I love crafting smooth, engaging user experiences and am always eager to learn more.

## Experience

2024 – PRESENT

### Next JS developer at ChessDream

Although, being my personal project, ChessDream is gaining popularity among chess players with over 2000 users so far. I am actively making changes in the codebase to provide the users with the best performance. While building the web-app, I have utilized my frontend skills to develop appealing frontend ensuring best UI/UX while also implementing websockets for realtime chess games. I've used framer motion extensively throughout the project for animations and performance. With robust authentication with Next-auth, database communication with Prisma ORM, state management using Redux, position evaluation using Stockfish chess engine as Web Worker and some heavy during function backed by web assembly, ChessDream portray my skills as a software developer.

NOVEMBER 2023 – JANUARY 2024

### Freelance UI/UX developer and designer at Paradiso. (demo at <https://paradiso-eta.vercel.app> )

As a freelance software developer, I developed an appealing UI for the restaurant maximizing the user experience while also keeping the performance in account alongside with a database for storing table reservations. I built the whole application only using React and without any external libraries. In the process, I not only utilized my prevailing skills but also learned a lot about making 3D elements using CSS.

## Projects

### 1. Evently (<https://event-app-ten-drab.vercel.app/>)

A full stack event management web application using Next JS, Clerk JS, Tailwind CSS, Typescript, MongoDB, Zod, Uploadthing, Stripe and Shad-cn. Designed for the best performance, Evently has low latency data transfer using Next JS server functions. From top notch user management to file upload to international payments, this web app is a perfect implementation of a frontend and backend techniques. This project took me 3 months to complete and I got to learn a lot about middlewares, authentication, user management, implementation of international payments using Stripe.

### 2. Online driving license preparation platform (<https://likhitexamapp.vercel.app>)

Basic online driving license quiz platform using Tailwind CSS and React. While the site looks very basic and easy to build. The sauce lies in the questions as extracting the questions in JSON format from the PDF file provided by the government was hectic. I use Node JS to

extract the questions along with the options and the correct answer and put together everything to get this static website ready.

## Skills

React JS • TypeScript • Next JS • UI design • CSS • Framer motion • GSAP • Three JS • Rust • Stripe • Clerk JS • Websockets • Next-auth • SQL and No-SQL databases • Git • Tailwind CSS •

## Education

APRIL 2024

Computer science at Secondary Level ( SOS Hermann Gmeiner School Gandaki )