KUSHAL DAHAL

Kathmandu, Nepal

Full-stack engineer & interaction designer

References and a longer case-study deck available on request.

kushaldahal.dev

hello@kushaldahal.dev | kushaldahal.dev | github.com/kushaldahal | linkedin.com/in/kushaldahal

I build calm, fast product interfaces end to end: data model, API, design system and the last 10% of polish. Eight years across startups and studios, mostly with TypeScript, React, Next.js and PostgreSQL. I care about accessibility, performance budgets and motion that earns its place.

EXPERIENCE

Independent product engineer

2022 - Present

Studio practice - Kathmandu / remote

- Design and ship full-stack products for small teams: Next.js App Router front ends, PostgreSQL data models, auth, billing and deployment.
- Built and maintain Lumen UI, an open-source component library with 2.1k GitHub stars and 40k monthly npm downloads.
- Lead interface work for Atlas, a trail-planning app used by 12k hikers; cut time-to-first-route from 48s to 9s.

Senior frontend engineer

2020 - 2022

Lumen Labs

- Owned the design system and marketing site; introduced visual regression tests and a token pipeline adopted by four product teams.
- Rebuilt the analytics dashboard in React and Recharts, reducing initial bundle size by 38% and improving LCP from 3.4s to 1.6s.
- Mentored three engineers and ran a fortnightly interface critique that became a company ritual.

Frontend engineer

2018 - 2020

Himalayan Digital

- Delivered responsive commerce and editorial sites for regional clients, from Figma handoff to production monitoring.
- Created the agency's accessibility checklist and trained the team on keyboard and screen-reader testing.

SELECTED WORK

Lumen UI	Open-source React component library. Headless primitives, accessible defaults, 2.1k stars.
Atlas	Trail planning for the Himalaya. Offline-first maps, elevation profiles, shareable routes.
This portfolio	Next.js 16, Prisma, custom auth and a small analytics pipeline. Built to be read, not just viewed.

SKILLS

Product	TypeScript, React, Next.js, Tailwind CSS, Framer Motion, accessibility
Backend	Node.js, PostgreSQL, Prisma, REST, tRPC, auth, background jobs
Craft	Design systems, prototyping, typography, motion, performance budgets
Tools	Figma, Git, Vercel, Playwright, Vitest, Sentry, Linear

EDUCATION

B.Sc. Computer Science

2014 - 2018

Tribhuvan University, Kathmandu