

Rachit Pokhrel

Full-Stack Developer

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SUMMARY

Full-stack developer based in Japan. I build business websites and the admin systems behind them, including inquiry and booking flows, quotations, invoicing, inventory and content management, using Next.js, React, TypeScript and Supabase (PostgreSQL). My recent work includes two website-and-admin systems for event decoration businesses in Nepal and a multi-page website with interactive planning tools for a study-abroad consultancy.

TECHNICAL SKILLS

Frontend	React, Next.js (App Router), Tailwind CSS, React Hook Form, TanStack Query, Radix UI, Framer Motion, GSAP, Vite*, React Router*
Backend	Next.js server actions & route handlers, Supabase Auth, Zod validation, PDF generation*, Transactional email (Resend)*, Node.js*, Express*
Databases	PostgreSQL, Supabase, Row-level security, SQL migrations, Drizzle ORM*, MySQL*
Languages	TypeScript, JavaScript, SQL, HTML & CSS
Tools & workflow	Git, npm, ESLint, Responsive design, Technical SEO
Deployment & infrastructure	Vercel, Supabase storage, Custom domains & DNS*, Scheduled jobs (Vercel Cron)*

* Used in a project that is still in development.

PROJECTS

Floral Roots & Decor Business website + admin system Handed over Sep 2026

- Built a public website with online booking, a contact form and shareable quotation pages, plus an admin system for bookings, quotations, invoices, payments, inventory, staff and reports.
- Modelled the data in PostgreSQL (Supabase) through 14 SQL migrations with row-level security, and fixed a booking-insert issue with a transactional database function so customer data stays private.
- Tested on desktop and mobile and handed over to the client in September 2026.

Stack: Next.js, React, TypeScript, Tailwind CSS, Supabase, PostgreSQL, TanStack Query, React Hook Form

Live: floralrootsdecor.com.np Case study: rachitpokhrel.com.np/projects/floral-roots-decor

Timeless Ties Events & Decor Business website + admin system Under development

- Building a public website and admin system covering leads, quotations (versioned, PDF, client acceptance by private link), bookings, events, inventory, finance and a content editor.
- Enforced access with PostgreSQL row-level security, tested by a script that checks each role's permissions, and added database-backed rate limiting for public forms.
- Deployed on Vercel with a custom domain. The public site is live and the admin is in active development.

Stack: Next.js, React, TypeScript, Tailwind CSS, Supabase, PostgreSQL, Drizzle ORM, Zod

Live: timelesstieevents.com.np Case study: rachitpokhrel.com.np/projects/timeless-ties-events-decor

Discovery Pathway Business website Live

- Built a 20+ page website for a study-abroad consultancy, with eight data-driven destination guides and a destination comparison.
- Built interactive tools (cost calculator, course finder, IELTS reading practice) and a validated, rate-limited consultation form.
- Added SEO foundations, including metadata, sitemap and JSON-LD structured data.

Stack: Next.js, React, TypeScript, Tailwind CSS, Framer Motion, GSAP, React Hook Form, Zod

Live: discoverypathway.edu.np Case study: rachitpokhrel.com.np/projects/discovery-pathway

Conference Management System

Full-stack web application

Academic project

- Full-stack conference platform (React 19, Vite, TypeScript, Express, Zod, MySQL 8) covering submissions, peer review, program management, registration, QR-code check-in and certificate generation.

Stack: React, Vite, TypeScript, Tailwind CSS, React Router, Node.js, Express, Zod

Case study: rachitpokhrel.com.np/projects/conference-management-system

- Other projects
- Discovery Pathway Admin Portal Internal web application · Live · Private staff portal
 - Nagarkot Network News website + publishing admin · Live
 - Japanese Mastery Learning web application · Under development · First release live
 - GP Pathway CRM CRM web application · Under development · Team project
 - Vyapar ERP Business management system · Under development · Interactive demo
 - RIZZ APP Personal web app · Live · Personal project

EXPERIENCE

Discovery Pathway Pvt. Ltd.

Nepal

Mar 2025 – Present

Student Counseling & Documentation

Documentation (remote)

Sep 2026 – Present

- Processing student documentation remotely.

Student counseling & documentation

Mar 2025 – Sep 2026

- Counseling students on their study-abroad plans.
- Processing student documentation.

EDUCATION

ISI Language School

Japanese language Osaka campus, Japan

Oct 2026 – Present

Siddhartha English Secondary School

Higher Secondary Education, Science Nepal

Jul 2022 – Aug 2024

Kabhre Secondary School

Secondary Education Examination (SEE, Grade 10) Nepal

Completed 2022

LANGUAGES

English: IELTS 6.0 overall (2024)

Japanese: Currently studying (ISI Language School, Osaka. JLPT not yet taken.)