

RABIN SHRESTHA

FRONTEND DEVELOPER

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SUMMARY

Frontend Developer with 2+ years of experience building scalable, user-centric applications using React, Next.js, and TypeScript. Skilled at translating UI/UX designs into responsive interfaces, integrating RESTful APIs, and optimizing performance across complex modules. Known for ownership of end-to-end features, strong debugging skills, and delivering clean, maintainable code in Agile environments. A quick learner who thrives in collaborative environments and adapts seamlessly in fast-moving product teams.

TECHNICAL SKILLS

- **Core Languages:** TypeScript, JavaScript (ES6+)
- **Frontend Development:** React.js, Next.js, Redux Toolkit, React Query
- **Styling & Design Systems:** HTML5, CSS3, Sass, Tailwind CSS, Material-UI, Bootstrap, Semantic UI, ShadCn UI, Framer Motion
- **Backend & Databases:** Node.js, Express.js, NestJS, MongoDB, PostgreSQL, Prisma ORM
- **Tools & Platforms:** Git, GitHub, Gitlab, Figma, Webpack, Babel, Postman
- **Soft Skills:** Collaborative Team Player | Results-Driven | Proactive Problem-Solving | Cross-Functional Communication

PROFESSIONAL EXPERIENCE

MEDEX

Bangkok, Thailand

Mid-Level Frontend Developer

JUNE 2024 - Present

- Led development of the Provider Panel (onboarding, scheduling, lab workflows, payment) using MUI, React Hook Form & Zod—improving usability and reducing onboarding friction.
- Developed and maintained the internal **Clinic Management System** used across multiple branches—covering patient report linking, doctor-to-admin communication workflows, WhatsApp message automation, scheduling, and administrative task management.
- Developed core modules for medex.co (Teleconsultation, Lab Tests, Wellness, Promotions) using React, Next.js, and TypeScript.
- Implemented Redux Toolkit + React Query for optimized state & data fetching, cutting load times by 30% across heavy modules.
- Integrated 5+ payment gateways (FonePay, Khalti, Stripe, Omise, eSewa etc) ensuring secure, reliable transactions.
- Built interactive analytics dashboards using Recharts to provide insights on bookings, revenue, provider performance, user geolocation, preferred platforms (iOS, Android, Web), appointment completion rates and popular services.
- Delivered pixel-perfect UIs from Figma using Sass, Ant Design, and Tailwind, while participating actively in Agile sprints, code reviews, and documentation.

- Led the development of **webdoko.com** (Community, Publisher, Admin modules) with React + Semantic UI.
- Improved data modeling & API integrations using Redux Toolkit and custom aggregations.
- Built interactive maps for the OpenGeolens project using React Leaflet and GeoJSON data from OpenStreetMap (OSM).
- Fixed major performance bottlenecks and collaborated closely with backend & senior engineers.

PERSONAL PROJECTS

GITFOLIO — FULL-STACK PERSONAL PORTFOLIO

JAN 2024 - ONGOING

BACKEND (NESTJS, PRISMA, POSTGRESQL, REDIS, GROQ AI, CLOUDINARY, PASSPORT (GITHUB/GOOGLE OAUTH), JWT, SWAGGER/OPENAPI, WINSTON, RESEND) ([LINK](#))

- Built a secure NestJS backend with GitHub/Google OAuth, JWT refresh tokens, Prisma ORM, Redis caching, and rate limiting.
- Integrated Cloudinary for media handling, Resend for email workflows, and documented the entire API with Swagger, complete with health checks, centralized logging, and robust error handling.
- Built an AI enhancement pipeline using Groq SDK, Zod validation with rate-limit handling to refine and enrich raw GitHub data into clean, high-quality portfolio content.

FRONTEND (NEXT.JS 15, REACT 19, TYPESCRIPT, ZUSTAND, REACT QUERY, REACT HOOK FORM, ZOD, SHADCN UI, TAILWIND, RECHARTS, @DND-KIT) ([LINK](#))

- Developed a Next.js 15 + React 19 frontend with SSG for public portfolios, SSR for dashboards and Zustand for global state management.
- Built a responsive project optimizer featuring drag-and-drop reordering (@dnd-kit), rich-text form validation (React Hook Form + Zod), GitHub analytics dashboards (Recharts), and optimized API fetching via React Query.

JOB TRACKER WEBSITE | NodeJs, Express, MongoDB, ReactJs, Tailwind CSS ([LINK](#))

JAN 2024 - FEB 2024

- Developed a job tracking dashboard with detailed job application analytics and enhanced filtering options.
- Streamlined the job tracking process with simplified user profile setup and robust job management features.

COZYMART | ReactJs, Tailwind CSS, Daisy UI ([LINK](#))

SEP 2023 - NOV 2023

- Crafted a dynamic e-commerce store with user authentication, dynamic cart system and an intuitive user interface.
- Implemented advanced API integration for efficient product display and seamless order management.

PORTFOLIO WEBSITE | React, Tailwind, Framer Motion ([LINK](#))

AUG 2023 - DEC 2023

- Developed a portfolio project that demonstrates a range of technical and creative skills, showcasing expertise in web development, design, and user experience.

EDUCATION

ASIAN SCHOOL OF MANAGEMENT & TECHNOLOGY

Bachelors of Science in Computer Science and Information Technology (BSc. CSIT)

Gongabu, Kathmandu

SEP 2019 - SEP 2024

CAPITOL HILL COLLEGE

Higher Secondary Education

Teku, Kathmandu

JUNE 2017 - FEB 2019

CERTIFICATION

JAVASCRIPT ALGORITHMS AND DATA STRUCTURE | freeCodeCamp | ([Link](#))

SEP 27- 2023

RESPONSIVE WEB DESIGN | freeCodeCamp | ([Link](#))

OCT 10- 2022