

RABIN SHRESTHA

Full-Stack Developer

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SUMMARY

Full-Stack Developer with 2+ years of experience building and shipping web applications using Next.js, React, and TypeScript. Experienced in implementing frontend features, API integrations, and working with backend systems using Node.js, NestJS, and PostgreSQL. Comfortable working on assigned development tasks, collaborating with cross-functional teams, and writing clean, maintainable code. Strong in debugging and building reliable features, with experience guiding junior interns.

TECHNICAL SKILLS

- Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, shadcn/ui, Material-UI, Ant Design, Sass, next-intl
- State & Data: Redux Toolkit, React Query, Zustand, React Hook Form, Zod
- Backend: NestJS, Node.js, Express.js, PostgreSQL, MongoDB, Prisma ORM, Redis, Swagger / OpenAPI
- Mobile: React Native, Expo
- Tools & DevOps: Git, GitHub, Webpack, Postman, Jenkins CI/CD, GitHub Actions (familiar), Docker (familiar)
- Testing: Jest, RTL (React Testing Library)
- AI Dev Tools: Claude (Claude Code), ChatGPT, GitHub Copilot

PROFESSIONAL EXPERIENCE

MEDEX – Bangkok, Thailand

Mid-Level Frontend Developer | JUNE 2024 - Present

- Implemented core user-facing features for medex.co (Teleconsultation, Lab Tests, Wellness, Promotions) using React, Next.js, and TypeScript.
- Built and maintained the Provider Panel, including onboarding flows, scheduling, and lab workflows based on product requirements.
- Developed internal Clinic Management System features used across multiple branches, including communication workflows and scheduling tools.
- Integrated multiple payment gateways (Stripe, Khalti, FonePay, eSewa, Omise) ensuring stable and secure transactions.
- Used Redux Toolkit and React Query for state management and API data handling, improving performance of dashboard modules.
- Collaborated with backend and design teams to implement features based on specifications and business needs.
- Participated in code reviews, debugging, and resolving production issues.
- Used AI tools (ChatGPT, Copilot) to speed up development, assist in debugging, and improve implementation efficiency.

N. Tiwari & Associates (NB Advisory) – Kathmandu, Nepal

Full-stack Developer | Aug 2025 - Dec 2025

- Developed a full-stack web application using React, Next.js, Node.js, and MongoDB for a legal and educational advisory firm.
- Implemented a CMS-style admin panel to manage website content and internal data.
- Built a secure client portal for accessing services and managing interactions.
- Developed appointment scheduling functionality with automated email notifications.
- Integrated REST APIs and handled backend logic for core features.
- Built responsive and reusable UI components using Tailwind CSS and shadcn/ui.

CORPOLA TECH—Naya Baneshwor, Kathmandu

React Developer | Jan 2024 - June 2024

- Built and maintained webdoko.com (Community, Publisher, and Admin modules) using React and Semantic UI, implementing features based on backend API specifications.
- Developed interactive maps for the OpenGeolens project using React Leaflet and GeoJSON data from OpenStreetMap.
- Fixed major performance bottlenecks and collaborated closely with backend & senior engineers.

PERSONAL PROJECTS

SERISLAB – AI Portfolio Generator [\[Frontend ↗\]](#) [\[Backend ↗\]](#)

Tech Stack: Next.js, NestJS, PostgreSQL, Prisma ORM, Redis, TypeScript, OpenAI/Groq, Tailwind CSS

Full-stack SaaS app that turns a developer's GitHub profile or resume into a professional portfolio in under 3 minutes – solving the problem that GitHub is unreadable to HR, and resumes don't show technical depth.

- Built end-to-end: user authentication, AI content generation, file uploads, email workflows, and a real-time drag-and-drop editor – entirely solo
- Integrated AI (Groq) to automatically merge GitHub activity + uploaded resumes into recruiter-friendly portfolio content, removing 20+ hours of manual work for users
- Designed for multiple user types: supports GitHub-only, resume-only, or dual-source portfolios – broadening the product to non-developers too
- Architected for production: caching, rate limiting, OAuth login (GitHub/Google), and full API documentation

JOBIFY – Full-Stack Job Tracking Application [\[Frontend ↗\]](#)

Tech Stack: Node.js · Express · MongoDB · Mongoose · JWT · Cloudinary · React · Recharts · Tailwind CSS

- Built a full-stack MERN application with JWT authentication, bcrypt password hashing, and cookie-based session management.
- Implemented a RESTful Express API with input validation, rate limiting, MongoDB sanitisation, and security headers via Helmet.
- Built resume/avatar upload functionality using Cloudinary and Multer, and implemented a stats dashboard with job analytics and chart visualisations using Recharts.
- Handled search, filter, and pagination across job listings with debounced query optimisation on the frontend.

EDUCATION

Asian School of Management & Technology – Kathmandu

BSc. Computer Science and Information Technology (BSc. CSIT) | Sep 2019 – Sep 2024

Capitol Hill College – Kathmandu

Higher Secondary Education (+2) | June 2017 – Feb 2019

CERTIFICATION

JavaScript Algorithms and Data Structures – freeCodeCamp | Sep 2023 [\[Certificate ↗\]](#)

Responsive Web Design – freeCodeCamp | Oct 2022 [\[Certificate ↗\]](#)