

# Rajan Sharma

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

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## PROFESSIONAL SUMMARY

Motivated Full-Stack Developer with a Diploma in Computer Engineering and strong hands-on experience building scalable web applications using React.js, Next.js, TypeScript, Node.js, and MongoDB. Skilled in developing responsive, user-centric interfaces and secure backend services. Adept at agile development and cross-functional collaboration. Actively seeking challenging roles with opportunities for growth, relocation, and visa sponsorship.

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## TECHNICAL SKILLS

**Frontend:** HTML5, CSS3, Tailwind CSS, JavaScript (ES6+), TypeScript, React.js, Next.js, Framer Motion, Zod

**Backend:** Node.js, Express.js, REST API, MongoDB, MySQL

**Tools & Platforms:** Git, GitHub, Vercel, Render, Cpanel, WordPress, Elementor

**Other:** Responsive Web Design, UI/UX best practices

**Languages:** Nepali (Native), English (Fluent), Hindi (Fluent)

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## PROJECTS

### Advanced LMS – E-Learning Platform (Full Stack) [Github Frontend](#) [Github Backend](#)

*Tech Stack: Next.js, TypeScript, Tailwind CSS, Node.js, Express.js, MongoDB, Mongoose, Zod, JWT*

- Built robust authentication system with secure JWT implementation and role-based access control (Admin, Instructor, Student).
- Designed a comprehensive admin dashboard for course creation, chapter management, and media uploads using Cloudinary.
- Integrated MongoDB with Mongoose to manage complex data schemas for courses, user progress, and category filtering.
- Developed a responsive and modern student interface with video player integration and real-time progress tracking.
- Implemented server-side validation using Zod to ensure data integrity and secure API endpoints.
- Deployed the full-stack application with a production-ready environment, ensuring optimized performance and scalability.

### MyJawaaf – E-Learning Platform (Full Stack) [Github Frontend](#) [Github Backend](#)

*Tech Stack: Next.js, Tailwind CSS, TypeScript, Node.js, Express.js, MongoDB, JWT Auth*

- Built secure authentication with role-based access (admin, student) using HTTP-only cookies.
- Designed dynamic course listings, student dashboards, and admin panels for content management.
- Integrated MongoDB for storing course data, user profiles, and progress tracking.
- Developed responsive UI with Tailwind CSS for mobile and desktop.
- Created secure REST APIs for login, course enrollment, and data fetching.
- Deployed frontend on Vercel and backend on Render for global accessibility.

### TripNest – AI-Powered Trip Generation Platform (Full Stack) [Github Frontend](#) [Github Backend](#)

*Tech Stack: Next.js, Tailwind CSS, TypeScript, Node.js, Express.js, MongoDB, Google Generative AI*

- Developed AI-powered trip generation using Google Generative AI to suggest personalized travel itineraries.
- Built JWT-based user authentication and protected routes for trip posting and browsing.
- Designed a responsive and interactive UI for exploring trips and recommendations.
- Integrated REST APIs for managing trip data efficiently.
- Managed backend API with Express.js and MongoDB Atlas.
- Deployed frontend on Vercel and backend on Render.

## **Rydzan Ride-Sharing Platform (Full Stack, In Development) [Github Frontend](#) [Github Backend](#)**

*Tech Stack: Next.js, React, TypeScript, Node.js, Tailwind CSS, Express.js, MongoDB, JWT Auth*

- Architecting a full-stack ride-sharing platform for managing user bookings, driver operations, and real-time fleet tracking.
- Developing core modules for user authentication, ride requests, dynamic pricing, and driver/rider wallet management.
- Designing a comprehensive admin dashboard to monitor real-time driver locations, ride volume, user activity, and platform revenue.
- Structuring the backend with Express.js + MongoDB for high-performance geospatial queries and a Next.js + TypeScript frontend for a fast, responsive user interface.
- Implementing secure JWT-based authentication.

## **BMW Travel Management CMS (Full Stack, In Development) [Github Frontend](#) [Github Backend](#)**

*Tech Stack: Next.js, React, TypeScript, Tailwind CSS, Node.js, Express.js, MongoDB, JWT Auth*

- Developing a comprehensive platform to manage travel solutions including vehicle management, maintenance, and trip operations.
- Building modules for quotation management, ticket sales tracking, and payment tracking (pending, partial, completed).
- Designing a dashboard to display business insights: sales by vehicle, ticket sales, expenses, and overall financial tracking.
- Structuring the backend with Express.js + MongoDB and frontend with Next.js + TypeScript, following modular and scalable architecture.

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## **PROFESSIONAL EXPERIENCE**

### **Data Entry Operator (Technical Operations)**

*Souq Al Baladi – Doha, Qatar | July 2023 – July 2025*

- Automated sales and inventory tracking with Excel macros, improved warehouse barcode systems, and provided IT support including troubleshooting and staff training on digital tools.
- Collaborated with IT teams to streamline processes and reduce manual workload

### **Computer Operator (IT Support & Systems)**

*Manakamana Trade & Suppliers Pvt. Ltd. – Banke, Nepal | 2022 – 2023*

- Maintained computer systems, optimized databases, and developed internal web pages and digital forms to enhance operational efficiency.
- Provided ERP and software support, training staff on system security and usage.

### **Assistant Manager & Cashier (Systems & Operations)**

*Best Mid-West Tours & Travels Pvt. Ltd. – Banke, Nepal | 2018 – 2021*

- Implemented online booking and customer management system using WordPress, managing secure payment gateways and currency conversions.
- Maintained GDPR-compliant customer data and coordinated IT vendor support for software upgrades.

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## **EDUCATION**

Diploma in Computer Engineering (CTEVT - Council for Technical Education and Vocational Training)