

Rudal Kunwar

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PROFILE

Full Stack Developer with over 2 years of experience building scalable web applications and backend systems using React, Next.js, Laravel, Node.js, MySQL, MongoDB, and Redis. Experienced in designing RESTful APIs, implementing secure authentication systems, optimizing application performance, and delivering production-ready solutions. Passionate about developing clean, maintainable software that provides excellent user experiences while supporting long-term scalability.

EXPERIENCE

MarginTop Solutions Pvt. Ltd.

Full Stack Developer

Lalitpur, Nepal
March 2025 – Present

- Building and maintaining scalable web applications using Laravel, React, and Next.js
- Designing RESTful APIs, authentication systems, and database architectures for production applications
- Optimizing application performance through Redis caching, query optimization, and backend improvements
- Collaborating with designers, project managers, and developers to deliver high-quality software solutions
- Contributing to architecture decisions, code reviews, testing, and deployment workflows

MarginTop Solutions Pvt. Ltd.

Full Stack Developer Intern

Lalitpur, Nepal
November 2024 – March 2025

- Developed reusable React components and responsive user interfaces
- Implemented backend features using Laravel and Node.js
- Participated in API development, database design, and debugging activities
- Worked within Agile development workflows and version control best practices
- Successfully transitioned from internship to a full-time development role

EDUCATION

Lumbini ICT Campus (Tribhuvan University)

Bachelor of Computer Applications (BCA)

Gaundakot, Nepal
Graduated: 2026 | CGPA: 3.52 / 4.00

PROJECTS

Nyayasathi (Justice Companion) – Legal Support Platform

2025

- Designed and developed a secure RBAC-based backend architecture for legal case management
- Implemented multilingual CMS functionality and role-based access controls
- Built scalable REST APIs supporting case lifecycle management and administrative workflows
- Focused on accessibility, security, and maintainable system architecture

JFT & SSW – Japan Exam Preparation System

2025

- Developed backend services and frontend modules for a large-scale exam preparation platform
- Improved overall system performance by implementing Redis caching and database query optimization
- Integrated secure payment processing and user subscription workflows
- Built scalable APIs supporting thousands of practice questions and learning resources

Striide – Sports Training & Content Platform

2025

- Implemented modular backend architecture supporting content delivery and user progress tracking
- Developed APIs and database structures for scalable sports training applications
- Focused on performance optimization and maintainable backend design
- Collaborated with cross-functional teams to deliver production-ready features

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, PHP, SQL

Frontend: React.js, Next.js, Tailwind CSS, HTML5, CSS3

Backend: Laravel, Node.js, Express.js

Databases: MySQL, MongoDB, MariaDB, Supabase

Caching & Performance: Redis, Query Optimization

Tools & Platforms: Git, GitHub, Docker, Postman, CI/CD

Architecture: REST APIs, RBAC, Authentication, Scalable Web Systems

Other: Agile Development, Performance Optimization, Responsive Design