

Simran Dangol

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Education

Patan College for Professional Studies
BSc. Computer Science and Software Engineering

Kupondole, Lalitpur
Oct 2022 – June 2025

Skills

Frontend:	React, Next.js, Tailwind CSS, Redux, React Query, React Hook Form
Backend:	Node.js, Express, Socket.IO, Next.js, REST APIs
Databases:	PostgreSQL, MongoDB
Languages:	JavaScript, TypeScript
Tools & Platforms:	Git, Docker, Prisma, GitHub
Technical Skills:	Problem Solving, API Development, Debugging, Database Modeling
Soft Skills:	Team Collaboration, Communication, Adaptability, Leadership, Time Management

Professional Experience

Metalogic Software Pvt. Ltd, Kathmandu
Full Stack Developer

Feb 2025 – Aug 2025

- Developed a scalable CMS Platform with dynamic content management, multilingual support, and role-based access control; frontend built using Next.js and Tailwind CSS.
- Built a website for a non-profit organization, including event management, member portal, membership form, and online donation functionality.
- Developed a Restaurant POS System with real-time order tracking, QR-based table management, online order processing, and customer management features.
- Integrated Socket.IO for live notifications, order updates, and dynamic table status.
- Designed and implemented detailed analytics dashboards for sales insights, inventory reports, and performance tracking.
- Optimized performance through database indexing, query optimization, and efficient state management in MongoDB.
- Collaborated in agile teams and utilized **Git** for version control and teamwork.

Projects

1. Job Portal Website | [Live Demo](#) *Node, Express, TypeScript, JWT, Redux*

- Developed a full-stack platform with recruiter and job seeker roles.
- Implemented JWT authentication and secure Express.js middleware.
- Designed state management with Redux and database models in MongoDB.
- Developed features including job post creation, application tracking, user profiles, and resume upload.

2. Real-Time Chat Application | [Live Demo](#) *Node.js, Socket.IO, React, MongoDB*

- Built real-time messaging system with Socket.IO enabling instant message delivery, typing indicators, and online user status tracking.
- Implemented secure user authentication with JWT tokens and password hashing, ensuring protected chat rooms and user privacy.
- Created responsive and intuitive UI using Tailwind CSS with reusable chat components, emoji support, and mobile-optimized design.

3. Blog Platform with AI Content | [Live Demo](#) *React, Node.js, MongoDB, Gemini API*

- Developed a full-featured CRUD blogging platform allowing users to create, edit, and publish articles.
- Integrated the Gemini AI API to provide users with AI-assisted content generation and idea suggestions.
- Implemented a rich text editor, content search and filtering, liking system, and user comment functionality.