

Rusil Koirala

Full Stack Developer & Software Engineer

Biratnagar, Nepal — Phone: +977-970915466

dev@rusilkoirala.com.np Portfolio GitHub LinkedIn Twitter

Professional Summary

Full Stack Developer with expertise in React.js, Node.js, MongoDB, and production-ready deployments. Skilled in developing responsive front-end web architecture, building RESTful APIs, and leading freelance projects from conception to deployment. Strong backend foundations, clean architecture mindset, and experience shipping real-world products. Available for freelance and client projects worldwide.

Core Skills / Technologies

Frontend: HTML, CSS, JavaScript, React.js, Next.js, TypeScript, Tailwind CSS, Vite,

Backend: Node.js, Express.js, RESTful APIs, WebSocket, Socket.IO, Clean Architecture

Databases: MongoDB, Firebase, MySQL, Postgress

Tools & Deployment: Git, Vercel, Render, Netlify, ImageKit

Other: MERN Stack, Real-time applications, API Security, Production-ready software, Project Management

Work Experience

Freelance Full Stack Developer — 01/2024 – Present

- Developed backend APIs and dashboards for 5+ client projects, serving 1k+ daily users and ensuring 200ms response times.
- Implemented responsive front-end UI with React.js and Tailwind CSS, improving user engagement by 25%.
- Deployed 3+ landing pages with hosting, DNS, SSL setup, increasing client lead capture by 20%.
- Client Projects: gka.com.np, purephysio.in, 33x.au, safaccessories.in

Everest Hack Club – Full Stack Developer & Organizer — 01/2025 – Present

- Built and maintained a community website supporting 200+ students.
- Designed interactive features and optimized backend performance using Node.js & MongoDB.
- Organized events promoting coding, collaboration, and project-based learning.
- Managed technical operations and roadmap for community-driven projects.

Notable Projects

Rusil Stream — Next.js, MongoDB, Tailwind CSS, TMDB API

- Built a responsive movie streaming app with async data fetching and optimized UI.
- Integrated category filters and smooth interactions inspired by Netflix.
- Live: rusil-stream.vercel.app

Social Chat — MERN, Socket.IO, JWT

- Developed real-time messaging system with custom WebSocket backend.
- Implemented message persistence and user-based chat handling for concurrent usage.
- Live: chat-frontend-ps0y.onrender.com

CourseHub — MERN, ImageKit , JWT

- Built course creation, listing, and video upload features with ImageKit integration.
- Designed scalable API architecture with environment hygiene and JWT-ready auth.

Hostly — Node.js, JavaScript

- Explored deployment workflows and platform trade-offs.
- Modeled platform behavior similar to Vercel/Netlify with environment rollout mechanics.

Doko — Next.js, Postgress JWT

- Built business management suite including inventory, sales, CRM, and invoicing modules.
- Roadmap toward small-to-medium business platform.
- Live: hamrodoko.netlify.app

Education

Everest Second School, Nepal — Higher Secondary (10+2), Science Focus — XI

Coursework & Self-Learning: Full Stack Development, System Design, Data Structures, Algorithms, Project Management

Focus Areas

- Clean architecture and API security
- LLM tooling and orchestration patterns
- Deployments that survive real traffic
- Backend-first approach
- Production-ready software
- Real-world engineering work

Professional Attributes

- Backend-first mindset
- AI/LLM integration expertise
- Ships production-ready products
- Open for collaborations
- Available for freelance work worldwide

Social Media

GitHub: @rusilkoirala LinkedIn: rusilkoirala Twitter: @rusilkoirala Instagram: @rusilkoirala

Collaboration inquiries: dev@rusilkoirala.com.np rusilkoirala.com.np rusil.me

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