

KIRAN BHATTARAI

Full Stack Developer

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PROFILE

Full-stack developer focused on building functional web applications across the React, Next.js, and Node.js ecosystems. Practical experience implementing real-time messaging with WebSockets, API rate limiting with Redis, relational and NoSQL databases, and client-side cache management. Looking for an internship or junior developer role to write clean code and contribute to real-world engineering teams.

TECHNICAL SKILLS

Languages:	TypeScript, JavaScript, Java, SQL
Frontend:	React, Next.js, Tailwind CSS, TanStack Query, shadcn/ui
Backend:	Node.js, Express.js, Socket.io, RESTful APIs, NextAuth.js
Databases & Cache:	PostgreSQL, MongoDB, Redis, Prisma ORM
Tools & Environment:	Linux, Git, GitHub Actions, Docker, Nginx, Postman, Vercel

PROJECTS

HamroEstate — Real Estate Marketplace | Next.js, TypeScript, Node.js, Socket.io, MongoDB, Redis Jul 2026 – Oct 2026
[Live Demo](#) • [GitHub Repository](#)

- Built a full-stack real estate listing platform with Next.js App Router and MongoDB for property listings, inquiries, and media.
- Implemented a dedicated Socket.io service to handle 1-on-1 real-time buyer-seller messaging with live presence states.
- Integrated Leaflet for interactive map-based property search, radius filtering, and marker clustering.
- Added Redis-based rate limiting to sensitive API routes and configured role-based access control with NextAuth.js.

LogBook — Note-Taking & Discovery App | React, Node.js, Express, MongoDB, TanStack Query, Jan 2026 – Mar 2026
Tailwind
[Live Demo](#) • [GitHub Repository](#)

- Developed a note-taking application supporting public and private notes, user profiles, and search.
- Built user authentication using session tokens and OAuth 2.0 with secure HTTP-only cookie handling.
- Used TanStack Query for client-side caching, optimistic updates, and infinite scrolling pagination.
- Created an admin dashboard to review user activity, moderate public posts, and manage platform content.

EDUCATION

Bachelor in Computer Applications (BCA) — Bhaktapur Multiple Campus, Tribhuvan University, Dec 2025 – Expected 2029
Nepal

Higher Secondary Education (+2 Management) — Khwopa Secondary School, Dekocha, Bhaktapur, Nepal Graduated Jul 2025