

Samir Niroula

Software Developer

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PROFESSIONAL SUMMARY

Software developer and BSc CSIT undergraduate (Tribhuvan University). Frontend Lead at Kharaayo Inc with freelance and teaching experience alongside. Builds web, mobile, and systems tools with TypeScript, React, Next.js, NestJS, and Rust.

SKILLS

- Languages:** TypeScript, JavaScript, Rust, SQL, HTML, CSS
- Frameworks:** React, Next.js, React Native, Expo, NestJS, Node.js
- Data & Tools:** PostgreSQL, SQLite, Redux-Saga, Tailwind CSS, Sanity CMS, Git, REST APIs

WORK EXPERIENCE

- Frontend Lead, Kharaayo Inc** Mar 2025 - Present
- Lead frontend development, owning feature delivery, code reviews, and UI consistency
 - Progressed from intern to trainee to Frontend Lead within a year by shipping reliable work
 - Build and maintain features with React, TypeScript, and modern tooling
- Dev, Techsense** Aug 2025 - Present
- Develop client-facing features using React and Redux-Saga for complex async flows
 - Implement internationalization (i18n) and role-based access control (RBAC)
 - Collaborate with cross-border teams to deliver on schedule
- Instructor, Proleap** Jul 2026 - Present
- Teach and mentor students as an instructor, guiding hands-on project work
 - Prepare practical exercises and review student progress

PROJECTS

- Kharcha (React Native, Expo, SQLite, TypeScript)**
Offline-first personal finance app with expense tracking and analytics.
- Restaurant POS (NestJS, Next.js, PostgreSQL, TypeScript)**
Multi-tenant restaurant POS system with NestJS backend and Next.js frontend.
- Family Centre (Next.js, TanStack, Node.js, PostgreSQL)**
Multi-vendor eCommerce platform.
- macmon (Rust, TUI, CLI, macOS)**
Keyboard-driven system monitor for macOS, built in Rust. Installable via Homebrew.
- Shree Ganapati Jewellers (Next.js, Sanity CMS, SEO, Tailwind CSS)**
SEO-optimized business website with CMS.
- Developers Association Jhapa (Next.js, Tailwind CSS, Shadcn UI)**
Community website with clean UI.

EDUCATION

- B.Sc. Computer Science & Information Technology (BSc. CSIT)** 2023 - Present
Tribhuvan University