

SAMIR KHANAL

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WORK EXPERIENCE

Dohoro Management Pvt. Ltd., Associate Software Engineer May 2026 – Present | Pokhara, Nepal

- Contributed to the frontend and backend development of an **ERP software system**.
- Participated in **sprint planning meetings and collaborated with cross-functional teams**.

SyncGTM, Junior Software Engineer June 2025 – March 2026 | Remote

- Worked on **frontend row virtualization and pagination** to handle large number of rows
- Optimized cell-level operations and data updates using **batch processing to minimize transaction overhead**
- Integrated multiple business platforms via **REST APIs and webhooks**
- Built **agentic workflows** using multiple AI providers to automate business processes

The Occupi, Frontend Intern March 2025 – May 2025 | Remote

- Designed and implemented interactive dashboard components and modal popups for advertisements, quizzes and rewards.

SKILLS

JavaScript, TypeScript, Tailwind, ReactJs, NextJs, NestJs, PostgreSQL, Redis, MongoDB, Sockets, Docker, Github Actions, S3 Bucket, Amazon Web Services (AWS), DigitalOcean

PROJECTS

PNC CSIT, Monorepo, NestJS, NextJS, Zustand, Socket.io, Prisma, TanstackQuery, ShadcnUI, S3 bucket, Framer Motion, Github Action, Docker

- Event driven architecture Student Management Software
- Refresh/access token recycle for authentication
- Role-based access control
- Cron jobs for announcements
- Sockets for chat systems
- Queues with redis for email processing
- S3 bucket for document and image storage
- Kanban board for assignment display
- Admin dashboard
- Deployed on AWS ECS backend with proper CICD and Docker Image

Stallion, Hono, Nextjs, Drizzle, Better Auth

- Authentication with organization support and permission
- CRM function like people, contact, deals integration
- Sequences like email sending, RAG with vector database for chat sytem (in-progress)

Social Media Application, React, Express, Mongoose, Cloudinary, Multer, Redux Toolkit

- Twitter like responsive UI
- MonogoDB aggregation pipelines for effcient queries
- Redux Toolkit for state management
- Cloudinary and Multer for image storage

EDUCATION

Tribhuvan University, Bachelors in Computer Science and Information Technology

ADDITIONAL INFORMATION

- AI Development: Proficient with AI tools (**Cursor, Opencode, Agent skills, MCP**) for context engineering and accelerated development cycles
- Technical Skills: Strong communication and management skills, hardworking, and eager to learn new technologies.