

# SAMIR KHANAL

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## WORK EXPERIENCE

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### **SyncGTM, Junior Software Engineer**

June 2025 – February 2026 | Australia, Remote

- Worked on frontend row virtualization to handle large tables smoothly, enabling efficient rendering and interaction with thousands of CRM entries, project records, and client data
- Integrated multiple business platforms (CRMs like Attio, Close, Pipedrive, lead-gen tools like Apollo, RocketReach) via REST APIs and webhooks
- Deep understanding of business platform data models: contacts, companies, deals, projects, workflows, custom fields, and relationship structures
- Optimized cell-level operations and data updates using batch processing to minimize transaction overhead and improve platform responsiveness
- Built agentic workflows using multiple AI providers to automate business processes, enrich client data, and suggest next actions within platform workflows
- Worked collaboratively through daily standups and sprint planning, pair programming on complex platform integrations and data optimization features

## SKILLS

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JavaScript, TypeScript, Tailwind, NextJs, ReactJs, Docker, NestJs, Redis, Git, Sockets, PostgreSQL, Github Actions

## PROJECTS

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### **SMS, (In Progress)**

Event-driven school management platform handling student enrollment, batch and semester management, subject assignments, and multi-role authentication (Admin, Teacher, Student). Implements secure JWT access/refresh token cycling with email OTP verification and password reset. Features batch-based student organization, semester tracking, and subject-teacher assignment workflows with teacher approval system. Dockerized architecture with Prisma ORM for type-safe database operations. Upcoming features include resource sharing, assignments, announcements, real-time chat, SSE for live notifications, cron-based automation, and BullMQ with Redis for background job processing. Technology used: TypeScript, Next.js, NestJS, Zustand, Tanstack Query, Prisma, PostgreSQL, Docker, JWT, RBAC, email OTP, (upcoming: SSE, BullMQ, Redis, Cron)

### **Snip Snap**

Collaborative code snippet sharing platform where users can share their knowledge and gain insights on various topics. It provides secure authentication through server actions along with email OTP verification and change your password feature. The UI is fully mobile responsive for easy access with infinite scrolling and pagination for efficient API calls and snippet management. It is also integrated with Gemini AI api for code explanation and suggestion. Technology used: Typescript, NextJs, Tailwind, Nodemailer, Prisma, Tanstack Query, Gemini AI

### **Social Media Application**

Twitter (X) like UI with custom UI feature like Image showcase on the sidebar and mobile responsive UI. Proper authentication and efficient query procedure using mongoose aggregation pipelines for tweets and user information. Efficient Image upload feature with like and comment functionality. Technology used: JavaScript, ReactJs, ExpressJs, Mongoose, Cloudinary, Redux Toolkit

## EDUCATION

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### **Tribhuvan University, Bachelors in Computer Science and Information Technology**

(Running).

## LANGUAGES

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Fluent in English, Hindi and Nepali.

## ADDITIONAL INFORMATION

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- Technical Skills: Strong communication and management skills, hardworking, and eager to learn new technologies.
- Availability: Available 7 AM – 6 PM NPT (Nepal Time) / 1:30 AM – 12:30 PM UTC
- Location: Pokhara, Nepal