

Kapil Dev Sapkota

Software Engineer — Full-Stack Web & Third-Party Integrations

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SUMMARY

Software engineer with 2+ years of experience building full-stack web applications and SaaS products that real businesses use. I've shipped 8+ live products, integrated tools like Slack, Jira, Google Calendar, and Outlook Calendar into production platforms, and worked across the entire stack — from React frontends to Node.js APIs. I care about writing clean code, delivering on time, and building things that actually work.

EXPERIENCE

Software Engineer

May 2025 – Present

Codavatar Tech Pvt. Ltd. · Kathmandu, Nepal

- Built and maintain Tivazo, a SaaS employee time-tracking and productivity platform, using Next.js, TypeScript, and Node.js — currently live with early-access business clients.
- Integrated Slack, Jira, Google Calendar, and Outlook Calendar into the platform via their APIs and webhooks, automating event sync and cutting manual status updates by around 70% for pilot teams.
- Designed and built 10+ REST API endpoints covering time tracking, activity logging, and team analytics — optimised query patterns reduced average API response time by ~35%.
- Contributed to the desktop app layer alongside the web product, giving the platform a cross-device presence from day one.
- Ran competitive analysis on 5+ rival tools to help the team prioritise which integrations and features to build next.

Front-End Developer

Oct 2024 – May 2025

Baliyo Ventures · Kathmandu, Nepal

- Delivered 5 production web platforms for Birat Expo 2025 (B2B marketplace, job board, business clinic, MDMU, QSHEF) on time, all with zero critical post-launch bugs.
- The platforms handled 200+ business listings and served 500+ job seekers over the course of the live expo event.
- Cut average page load time by ~28% using Next.js code splitting and lazy loading — noticeable improvement on lower-bandwidth connections common in the region.
- Worked closely with a 3-person design team, turning Figma mockups into accessible, pixel-accurate React components.

Front-End Developer Intern

Dec 2023 – Aug 2024

Kutumba Tech · Kathmandu, Nepal

- Helped build an e-commerce platform for remote Nepali communities to sell products online — the platform onboarded 50+ sellers in its first three months.
- Built 15+ reusable React components using TypeScript, Shadcn UI, and Ant Design, which cut new feature UI development time by roughly 20%.

- Translated Figma designs to production-ready UI across all assigned features; UX lead consistently approved deliverables in first or second review.
- Picked up agile sprint workflow on a live production codebase and met every sprint deadline across the 8-month internship.

PROJECTS

Tivazo — SaaS Employee Management Platform tivazo.com

Next.js · Node.js · TypeScript · MongoDB · Slack API · Jira API · Google Calendar · Outlook API

- Architected the product from scratch: multi-tenant data model, auth system, activity tracking engine, and analytics reporting module.
- Built integrations with Slack, Jira, Google Calendar, and Outlook Calendar using OAuth 2.0 and webhooks for real-time, cross-tool sync.
- Live and actively used by pilot clients, with a growing feature roadmap driven by real user feedback.

YetiPM — US Property Management System yetipm.com

Next.js · Python · REST APIs

- Built a property listing platform covering multiple US states with dynamic pricing insights, service area filtering, and a clean search experience.
- Wrote Python backend scripts for data processing and API support, keeping property and pricing data accurate and up to date.

Sikchu — Nepal Education Platform sikchu.com

React.js · Python · Quiz Engine

- Built an interactive quiz and game engine aligned to the Nepali school curriculum — average session time increased by ~40% compared to the previous static content pages.
- Implemented topic-based dynamic quiz generation in the Python backend to create personalised learning paths for students.

Birat Expo Platforms — 5 Live Apps www.cim.org.np

Next.js · Node.js · Python

- Delivered 5 modular platforms for Nepal's largest business expo: B2B marketplace, job board, business clinic, QSHEF, and MDMU.
- Integrated all frontends with backend services that handled 200+ business listings and vendor queries in real time during the live event.

TECHNICAL SKILLS

Languages: JavaScript (ES2022+), TypeScript, Python

Frontend: React.js, Next.js, Tailwind CSS, Shadcn UI, Ant Design, MUI, AG Grid

Backend: Node.js, Express.js, REST APIs, Webhooks

Database: MongoDB

Integrations: Slack API, Jira API, Google Calendar API, Outlook / MS Graph API, OAuth 2.0

Tools: Git, GitHub, Figma, Vercel, Agile / Scrum

Currently Learning: PostgreSQL, Docker, AWS basics, System Design

EDUCATION

Bachelor in Computer Application (BCA)

2021 – 2025

Jaya Multiple Campus · Gokarneshwor-08, Makalbari, Kathmandu

Relevant coursework: Data Structures & Algorithms, OOP, DBMS, Web Development, Networks

Higher Secondary (+2) — Computer Science & Accounts

2019 – 2021

Hetauda School of Management and Social Science · Parijat Marg, Hetauda, Makwanpur

HIGHLIGHTS

- Shipped 8+ live production products across Nepal and the US within 2 years of professional experience.
- Presented work at Birat Expo 2025 — one of Nepal's largest business and industry events.
- Self-taught TypeScript, Node.js, and third-party API integrations while working full-time.
- Open to full-time roles, contract work, and remote positions.