

Rohan Shrestha

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Summary

Software engineer with 4+ years of experience, specializing in web and mobile development, building scalable, high-performance applications with intuitive user interfaces, smooth animations, and seamless user experiences.

Education

BSc **Amrit Campus**, Tribhuvan University Kathmandu, Nepal
Bachelor of Science in Computer Science and Information Technology Mar 2021 – June 2025

Experience

Software Engineer, Slash Plus – Lalitpur, Nepal July 2024 – Present

- Led the development of digital signage and token management systems deployed across **75+ government offices, banks, hospitals, and businesses** in Nepal, including CDO Office Kathmandu, Nabil Bank, Nepal Telecom, and Nepal Medicit, serving **20,000+ users daily**.
- Built real-time fleet management capabilities supporting **1,500+ vehicles**, including live GPS tracking, geofencing, video streaming, alerts, and operational analytics.
- Developed advanced interactive experiences across multiple products, including real-time maps with MapLibre, canvas-based signage editors with Konva.js, live video streaming with HLS.js, and visual workflow builders with React Flow.
- Implemented automated unit and end-to-end testing with Vitest and Playwright, and built CI/CD pipelines with GitHub Actions to automate validation, builds, and deployments.
- Mentored developers through code reviews and technical guidance, improving code quality and team delivery.

React Native Developer, Inflancer Technology – Lalitpur, Nepal Jan 2024 – July 2024

- Contributed to the development and launch of [Inflancer](#) and [Goeasybazar](#), building cross-platform mobile experiences for iOS and Android with React Native and Expo.
- Implemented core mobile workflows including authentication, navigation and deep linking, camera-based media capture and uploads, and device permission handling across iOS and Android.
- Built smooth, performant animations and gesture-driven interactions using React Native Reanimated and Gesture Handler, while creating reusable Styled Components for a consistent and maintainable design system.
- Integrated backend APIs, Socket.IO, and Firebase services to support real-time communication, data synchronization, and push notifications.
- Published and managed mobile app releases, from production builds through submissions and updates on Google Play and the Apple App Store.

Frontend Developer, Ayata Incorporation – Kathmandu, Nepal Jan 2023 – Dec 2023

- Built scalable frontend architecture with reusable component systems, state management, API integration patterns, responsive design, internationalization, and technical SEO.
- Owned the end-to-end frontend development of [SpeakUp Nepal](#), from initial implementation through testing, deployment, and production maintenance; the platform serves **30,000+ users**.
- Designed and developed a multi-tenant membership management platform for clubs, associations, and organizations, featuring customizable registration forms, online payment integrations, event management, and member communication.
- Collaborated directly with clients and project stakeholders to gather requirements, incorporate feedback, and translate business needs into user-friendly frontend solutions.

Skills

Programming Languages: TypeScript, JavaScript, Java, Go, SQL

Libraries & Frameworks: Next.js, TanStack, React, Spring Boot, Node.js, Express.js, Prisma, Astro, Expo, React Native, Tailwind, GSAP, MapLibre, Playwright, Vitest

Tools & Platforms: PostgreSQL, Redis, Git, Github Actions, Docker, Firebase, Linux