

Sailesh Dahal

Co-founder, Rayu · AI Engineer
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SUMMARY

Engineer who has built mobile and web apps since 2020 and now builds AI products, including a nutrition coach you can talk to that uses data from your fitness band. Looking to build AI-first apps: products designed around AI from the start. **330+ code reviews** · **\$110K+ earned on Upwork at 100% job success.**

EXPERIENCE

- Rayu Technology Ltd** May 2026 to present
Co-founder, engineering Incorporated in England, Aug 2026
 - Built the AI layer that runs the coach, from the live voice connection to Google Gemini to the tools the agent calls.
 - Built the monitoring and testing for the AI: recorded, replayable model calls, an internal review app, and automated tests made from real failures.
 - Led the safety work for medical risk and wrote the design for how the coach remembers users.
 - Built the fitness-band integration: extended the band maker's software kit and built syncing to our servers.
- LaunchBox Technologies Ltd** Feb 2025 to present
Lead Engineer York, UK (remote)
 - Lead engineering across the studio's products: Solas Compliance, Rayu (until it became its own company), Palete and Flexera (connected fitness).
- Independent engineer** Feb 2021 to Aug 2026
32 Upwork contracts, 4,963 hours, 100% job success Remote
 - Herd Ltd, Jul 2021 to Mar 2024: lead engineer on OneTake, its video app, for 4,494 hours, rated 5.0, including 218 code reviews.
 - Earlier: Flutter engineer at CIRCLES (Jun 2022 to Jul 2023) and Astacraft Tech (Aug 2020 to Jul 2021).

SELECTED PROJECTS

- Sambad** Jan 2026 to present
One inbox for WhatsApp, Instagram, Facebook and email, with AI replies. TypeScript, Expo, Node.js
 - Built the AI layer on the Vercel AI SDK: a triage agent routes each chat to a sales, support or knowledge agent.
 - Gave the sales agent tools to search products, fill a cart and place orders, and added handoff to a person.
 - Added AI credits charged per reply and per voice-note transcription, and connected WhatsApp and Gmail.
 - Started the iOS and Android app and built its inbox, with live updates, voice notes and push notifications.
- Sajilo Sewa** May 2024 to present
Home-services marketplace in Nepal. TypeScript, React Native, Expo; earlier version in Flutter
 - Built both mobile apps, for customers and service providers, in Flutter (2024) and again in Expo (2026).
- Solas Compliance** Dec 2025 to present
AI compliance checks for finance and gambling marketing. Engineering lead. TypeScript, React, Node.js
 - Led the engineering team that built the platform, which checks marketing copy, images and video against policy.
 - Reviewed the team's code across the web app, the backend and the AI service, and managed releases to production.
 - Led the security work for a penetration test and helped the team prepare for its SOC 2 and ISO 27001:2022 audits.
 - Built user roles and permissions, translation, a Slack integration and weekly summary emails.
- Flexera** Jul 2025 to May 2026
App for a connected Pilates reformer. TypeScript, React Native, Expo, Firebase
 - Built most of the mobile app, including offline class downloads and analytics. Also worked on its web app and backend.

Also shipped: ReceiptSasa (receipt reading with Google Cloud Vision and GPT-4o, Oct 2024 to Jan 2025), DayOf (Upwork, Aug 2023 to Jun 2025), Palete.

OPEN SOURCE

Merged pull requests to Supabase (Nepali translation), Zod (Greek locale), ReVanced Manager and Stacked. Author of nutri.gram (47 stars), a Flutter app that reads nutrition labels with OCR.

EDUCATION

- Kathmandu University** 2017 to present
M.E. Computer Engineering (in progress); B.E. Computer Engineering, 2017 to 2022 Nepal

TECHNICAL SKILLS AND INTERESTS

AI: LLM integration, AI agents, Google Gemini (voice, tools, images), OpenAI, OCR

Languages: TypeScript, JavaScript, Dart, Python, Kotlin, Swift

Stack: React, React Native, Expo, Flutter, Node.js, Next.js, Firebase, Google Cloud, Bluetooth, native iOS and Android

Other: Organiser, KU HackFest 2021. Nepali (native), English and Hindi (professional)