

Sabin Ranabhat

Senior Mobile Engineer — Flutter | Android (Kotlin) | iOS (Swift)

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Summary

Senior mobile engineer with 9+ years shipping production applications across fintech, banking, and consumer platforms serving 500K+ users. Strong depth in Flutter, backed by hands-on native Android (Kotlin) and iOS (Swift) delivery: SDK development, custom platform channels, NFC and hardware integration, and published pub.dev packages.

Technical Skills

Mobile: Flutter, Dart, Android (Kotlin, Java), iOS (Swift), Cross-Platform Development

Native & Platform: Native SDK Development, Platform Channels, Custom Plugins, NFC, WebSocket, Hardware Integration

Architecture: Clean Architecture, MVVM, BLoC, Riverpod, Dependency Injection

Services & Delivery: REST, GraphQL, Firebase, Payment Gateway & KYC Integration, GitHub Actions, Codemagic, Fastlane, App Flavoring, Shell Scripting

Experience

Freelance Mobile Engineer — Self-Employed

Kathmandu, Nepal · Feb 2026 – Present

- Deliver native Android (Kotlin), iOS (Swift), and Flutter engagements from architecture through release.
- Maintain three published Flutter packages on pub.dev: timelines_plus, wallpaper_manager_plus, and screensaver.

Senior Flutter Engineer — Uno Technology

Kathmandu, Nepal · Oct 2025 – Feb 2026 · Contract

- Shipped 5 production Flutter applications to the App Store and Play Store on schedule.
- Architected 2 applications from scratch on Clean Architecture within the first week and restructured 3 inherited codebases onto a shared architecture.
- Eliminated wrong-flavor release incidents with interactive build scripts covering 6+ variants per app.

Senior Mobile Engineer (Flutter) — Bottle Technology

Lalitpur, Nepal · Feb 2025 – Oct 2025

- Built a production KYC SDK for Android (Kotlin) and iOS (Swift), used by IME Group across fintech and banking products.
- Engineered a custom native NFC detector for card reading and payment processing on purpose-built ordering hardware, plus a battery-status streaming plugin over platform channels.
- Implemented BLoC state management for multi-step ordering workflows and real-time order tracking over WebSockets.

Senior Mobile Engineer — Code Himalaya

Lalitpur, Nepal · Aug 2021 – Feb 2025

- Delivered the eSewa Events SDK (Kotlin + Swift) with Nepal's largest payment gateway, enabling in-app ticket purchases for 500K+ users under a 2-month deadline.
- Architected MoFinTech, a white-labeled mobile banking platform deployed to 104 financial cooperatives with per-client theming, Firebase projects, and CBS integrations.
- Built CI/CD pipelines (GitHub Actions, Codemagic) cutting build and deployment from 500 minutes to 30 per release cycle, enabling 30+ app variants across 6 core banking systems.
- Drove an 8-month React Native to Flutter migration of BiheNepal, cutting app size from 200MB to 50MB and shipping 5 features including AI-based Kundali matching and payment integration.
- Rebuilt Earntra from legacy code to Clean Architecture in 20 working days; bug reports fell 70% within a month of launch.
- Automated release hygiene with Git hooks enforcing conventional commits, taking bad-commit incidents from ~20 per week to zero for 12+ months.

Earlier Experience

- **Mobile Developer**, Nepali Coders — Remote · Jul 2020 – Jun 2021
- **Freelance Developer**, Self-Employed — Pokhara, Nepal · Mar 2019 – Jul 2020
- **Mobile Developer**, DreamSys IT Solution — Pokhara, Nepal · Dec 2016 – Mar 2019

Education

B.Sc. Computer Science — University of the People, California, USA · 2024