

# Sahil Ramjali

*Flutter Mobile App Engineer*

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## PROFILE

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Flutter Mobile App Engineer with **3+ years of experience** delivering production-grade mobile applications for e-commerce, delivery, and visitor management. Expert in **Clean Architecture, BLoC/Cubit, offline-first systems, Firebase, automated testing, Play Store release management**. Proven track record in **performance optimization, end-to-end feature ownership, and mentoring developers** to improve productivity and code quality.

## SKILLS

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**Mobile / Flutter:** Flutter, Dart, BLoC/Cubit, provider, Clean Architecture, get\_it/injectable, Hive, SharedPreferences, Offline-first, QR/Barcode, Performance Optimization, kotlin

**Testing:** Unit, Widget, Integration, Mocktail/Mockito

**Frontend:** React, TypeScript, Tailwind, Zustand, React Query

**Tools/DevOps :** Android Studio, Xcode, Firebase Console, Postman, CI/CD(Github Actions), Git/GitHub/GitLab, Play Store releases, Crashlytics/ANR monitoring

## PROFESSIONAL EXPERIENCE

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### AITC International Pvt. Ltd.

Flutter Developer

08/2023 – Present | Bhaktapur, Nepal

- Contributed to the **resident & community management mobile application**, delivering two production apps: [AITC Homes\(Resident\)](#) and [AITC Homes Guard \(Security Personnel\)](#).
- Engineered **real-time FCM push notification pipelines** enabling instant visitor approval, alert broadcasting, and background event handling.
- Developed **end-to-end QR-based visitor authentication**, enhancing entry validation accuracy and reducing manual checkpoints.
- Handled **Play Store deployment workflows**, including versioning, signing, build optimization, release management, and post-release monitoring (Crashlytics & ANR tracking).
- Built **offline-first persistence** using **Hive**, ensuring uninterrupted operations on low-connectivity

devices.

- Conducted **performance optimizations**: reduced widget rebuilds, improved API reliability via retry strategies and local caching, and created **performance metric animations** to enhance UX.
- Maintained a **Bloc + Clean Architecture** codebase with strict layer separation, SOLID principles, reusable modules, and **unit/widget testing** coverage.
- **Mentored Flutter interns**, providing onboarding, **clean architecture guidance**, debugging support, and **code reviews**, ensuring production-ready modules.
- Implemented **geolocation capture** and **client-side QR validation**, preventing unnecessary API calls and reducing backend load.

## AITC International Pvt. Ltd.

### Frontend Developer

08/2023 – 01/2024 | Bhaktapur,Nepal

- Designed and implemented **admin panel dashboards** for operations, analytics, and role-based workflow management using **React, TypeScript, Tailwind CSS, Zustand, and React Query**.
- Developed **reusable UI component libraries**, dynamic tables, analytics widgets, and responsive layouts.
- Optimized **rendering performance** via memoization, controlled re-renders, debounced handlers, and virtualized lists.
- Participated in **full SDLC**, including API integration, QA fixes, and code reviews.

## Ultimodeal Online Shopping Pvt. Ltd.

### Flutter Developer

05/2022 – 03/2023 | Baluwatar,Kathmandu

- Developed E-commerce app (**Ultimodeal**) with product catalog, cart, orders, and in-app payments.
- Built **Delivery Agent App** with **QR scanning** for product validation and delivery logging.
- Achieved **~20% improvement in crash-free sessions** via **Crashlytics monitoring and proactive fixes**.
- Optimized performance: image loading (**cacheWidth/cacheHeight**), widget rebuild reduction, and scroll tuning on low-end devices.
- Designed **modular architecture with Bloc cubit**, reducing boilerplate and promoting code reuse.
- **Managed Play Store deployment cycles** for iterative releases, hotfix builds, and performance/stability updates.

## EDUCATION

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### Asian College of Higher Studies,

*Bachelor in Computer Science &*

*Information Technology (BSc CSIT)*

2017 – 2022

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