

Md. Anowar Hossain

Senior Flutter & Android Engineer • Kotlin • Dart • 5 Years • Remote-Ready
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Professional Summary

Senior Mobile Engineer with 5+ years of experience architecting and shipping 10+ production apps across Flutter (cross-platform) and Native Android (Kotlin) — including a government-backed platform with 100K+ downloads and a live ride-hailing system with real-time GPS and payment processing. Expert in clean architecture (MVVM), complex state management (BLoC, Provider, GetX), Firebase, CI/CD automation, and full-cycle app delivery from design through Play Store and App Store release. Awarded Best Software Developer Q2 & Q3 2024. Available for remote full-time roles; flexible across time zones (UTC+6).

Technical Skills

Languages:	Dart, Kotlin, Java	Frameworks:	Flutter 3+, Android SDK, Jetpack
Architecture:	Clean Architecture, MVVM, MVI, Modularization	State Mgmt:	BLoC, Provider, GetX, Riverpod
Firebase:	Auth, Firestore, FCM, Analytics, Remote Config, Crashlytics	CI/CD:	GitHub Actions, Codemagic, Fastlane
Testing:	Unit, Widget & Integration Tests, Mockito, Espresso	Networking:	REST APIs, Dio, OkHttp, WebSockets
Persistence:	Room, Hive, DataStore, SQLite, SharedPreferences	Deep Linking:	go_router, App Links, Universal Links
Security:	Keystore, EncryptedSharedPreferences, Secure Storage	Localization:	i18n, l10n, ARB Files, RTL Support
Native Android:	Kotlin, Coroutines, Flow, Jetpack Compose, Hilt/Dagger	Payments:	Stripe, bKash, ABA Pay, MyFatoorah, IAP
Tools:	Git, Android Studio, Figma, Postman, Dart DevTools	Platforms:	Google Play Store, Apple App Store

Experience

Senior Android Developer — Jameel — Dec 2025 – Present · Remote · Part-Time

- Architected a live ride-hailing Android platform (Kotlin) from scratch using Clean Architecture (MVVM) and Hilt DI, serving live Rider and Captain users on Google Play.
- Integrated real-time GPS tracking (Google Maps), payment processing (MyFatoorah), and push notifications (OneSignal) with zero post-launch payment failures.
- Enforced SOLID principles, strict code reviews, and architectural documentation to streamline asynchronous remote collaboration and reduce integration bugs.

Software Engineer — Flutter & Android — Riseup Labs — Oct 2022 – Present · Dhaka, Bangladesh

- Impact:** Shipped 6 Flutter apps to Google Play and the App Store, including a government-backed NCTB education platform that reached 100K+ downloads — serving teachers across Bangladesh.
- Architecture:** Designed all apps with Clean Architecture (MVVM) and BLoC/Provider/GetX state management; improved codebase maintainability, cutting feature delivery time on subsequent releases.
- CI/CD:** Automated build, test, and release pipelines using GitHub Actions and Codemagic, eliminating manual deployment errors and enabling consistent staged rollouts to both stores.
- Firebase:** Integrated full Firebase suite (Auth, Firestore, FCM, Crashlytics, Remote Config, Analytics); used A/B testing and Remote Config to run controlled UI experiments that improved user retention.
- Performance:** Profiled and resolved critical Flutter performance bottlenecks using Dart DevTools — eliminated frame drops and memory leaks, achieving stable crash-free sessions across all production apps.
- Leadership:** Mentored junior developers through weekly code reviews; established team-wide coding standards that reduced PR rework cycles significantly.
-  Awarded Best Software Developer Q2 & Q3 2024 — two consecutive quarters.

Flutter Developer — Tickets For Travel — Jan 2021 – Sep 2022 · Dhaka, Bangladesh

- Built and shipped a cross-platform travel and ticket booking app (bus, flight, launch) with integrated online payment processing and refund flows — published on Google Play.

- Integrated REST APIs, WebSockets, and Google Maps for real-time seat availability and location features; implemented deep linking and multi-language localization.
- Owned the full Play Store release lifecycle — code signing, versioning, release notes, and post-launch crash monitoring.

Key Projects

শিক্ষক সহায়িকা — **NCTB Teacher Guide** *Flutter · GetX · REST API · PDF Viewer · YouTube Player · WebView*

- 100K+ downloads on Google Play — government-commissioned app for the National Curriculum & Textbook Board of Bangladesh (NCTB).
- Serves teachers nationwide with curriculum guides via PDF viewer, YouTube video tutorials, and dynamically loaded web content.
- Managed API-driven content delivery, offline-capable PDF rendering, and multi-media playback in a single Flutter codebase.

[Android](#) — [100K+ Downloads](#)

Jameel — Ride-Hailing Platform *Kotlin · Jetpack Compose · MVVM · Hilt · Retrofit · Coroutines · Google Maps · MyFatoorah · Firebase*

- Dual-app system for passengers (Rider) and drivers (Captain) with real-time GPS tracking, live booking, and route navigation.
- Fare estimation engine, driver earnings dashboard, and secure digital payment processing via MyFatoorah gateway.
- Clean Architecture with Kotlin Coroutines for all async operations; Firebase Crashlytics for production stability monitoring.

[Rider](#) | [Captain](#)

eCook — IoT Energy Tracker *Flutter · GetX · REST API · WebSockets · bKash & ABA Pay · Deep Linking · Firebase FCM · i18n*

- IoT-connected Flutter app that communicates with smart electric stove hardware via REST and WebSocket streams.
- Displays real-time kWh usage, calculates cost savings vs. LPG, and processes secure payments through bKash and ABA gateways.
- Full i18n/i10n multi-language support, deep linking for marketing campaigns, and push notification scheduling.

[Android](#) | [iOS](#)

U-Youth Burkina & U-Report BD — Multi-Module Native Android *Kotlin · Java · MVVM · Hilt · Retrofit · Coroutines · ExoPlayer · RapidPro · ONA · Multi-language*

- Youth engagement platforms for UNICEF-affiliated initiatives — multi-module architecture covering Stories, Community Chat, Opinion surveys, and Results dashboards.
- Dynamic JSON-to-UI survey rendering via ONA and RapidPro integrations; offline-first data caching with Coroutines and Room.
- Multi-language localization (RTL support), ExoPlayer media playback, and full MVVM separation of concerns across 5+ modules.

Education & Awards

B.Sc. Computer Science & Engineering — Model Institute of Science & Technology (MIST), Bangladesh · 2019

🏆 **Best Software Developer — Q2 & Q3 2024** · Riseup Labs — awarded in two consecutive quarters for engineering impact, code quality, and delivery excellence.

Languages

Bengali: Native **English:** Professional working proficiency — strong written and spoken technical communication.