ABDUL MOMIN SAKIB

Senior Mobile Engineer | Flutter, iOS (Swift), Android

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PROFESSIONAL SUMMARY

Senior mobile engineer with 7+ years of experience shipping 15+ production apps for iOS and Android with Flutter and native Swift. Owns delivery end to end, from architecture and state management (Riverpod, Bloc) to App Store and Google Play release. Shipped work includes Way2Masjid (100K+ installs), LocalMind (open source, 10K+ installs), and an enterprise identity verification SDK integration covering 10,000+ ID types in 200+ countries. Experienced in offline-first storage, native platform integration, on-device ML, and LLM features in consumer apps.

SKILLS

Mobile: Flutter, Dart, Swift (iOS), Kotlin (Android), React Native
Architecture & State: Clean Architecture, feature-based modules, Riverpod, Bloc, Provider, RxDart, Stacked
Native Integration: Platform Channels, iOS keyboard extensions, AirPrint, VPN (NetworkExtension), push notifications (FCM, APNs), GPS and maps, background scheduling
Storage & Offline: ObjectBox, Isar, Hive, SQLite, offline-first sync, offline maps
AI on Mobile: On-device ML (Core ML, TFLite), LLM streaming (Ollama, LM Studio, OpenRouter), OCR, biometric identity SDKs
Backend: Firebase, Supabase, Django, NestJS, PostgreSQL, REST APIs
Release & DevOps: App Store Connect, Google Play Console, Fastlane, GitHub Actions, Bitrise, Shorebird, RevenueCat, Firebase Crashlytics

PROFESSIONAL EXPERIENCE

AI Trainer (Contract), micro1

Remote | Sep 2026 - Present

- Train and evaluate AI models on software engineering tasks, applying senior mobile and full-stack experience to review and improve model output.

Lead Mobile Architect & Independent Consultant, Freelance

Remote | Jul 2021 - Present

- Led delivery teams and architected and shipped 15+ production apps in Flutter and native iOS (Swift), from zero-to-one architecture through App Store and Google Play release, plus further client work under NDA.
- Built LandPro in Flutter, with its backend, for Android, Windows, and macOS: land measurement on mouza maps, 26 land tools, inheritance calculators, and print and PDF export.
- Shipped La Danesa (Flutter), the official app of a Danish-Spanish magazine, serving 10,000+ daily active readers with offline article caching and breaking-news push alerts.
- Built Lekhi, an open-source native Swift keyboard for iPhone with Avro Phonetic Bangla transliteration, a 150,000+ word offline dictionary, and haptic and switch-sound feedback; live on the App Store.
- Built SarakBondhu, an offline-first highway emergency directory for Bangladesh with GPS nearest-service lookup, downloadable offline maps, and SMS location sharing.
- Shipped DocuDone for iOS and Android, an offline-first document utility with on-device PDF compression, format conversion, and watermarking, Google Drive backup, and RevenueCat subscriptions.
- Built AVO Mobile Security (Flutter with native VPN APIs) for iOS and Android, with threat detection, breach monitoring, and VPN; 5K+ installs.
- Delivered Print Master: AirPrint & Scan (Swift), an iOS utility with OCR, PDF editing, and wireless printing for HP, Canon, and Epson printers.

Full Stack Engineer, Way2Masjid

Part-time, Remote | Feb 2025 - May 2025

- Developed the Flutter app for Way2Masjid, a real-time masjid finder live on the App Store and Google Play with 100K+ installs, featuring live Iqamah status, location-based search, and automatic Do Not Disturb during prayer times.
- Implemented automatic DND with native background scheduling and alarm APIs that hold up under aggressive OEM battery optimization.

- Built the Firebase backend (Auth, Firestore) with Google Maps, custom map clustering, and FCM push notifications with sub-second delivery.

Mobile Engineer, FaceOnLive
Hong Kong, Remote | Aug 2024 - Feb 2025
- Integrated IDKit, an enterprise AI identity verification product, into a Flutter SDK supporting 10,000+ ID types from 200+ countries, including face liveness detection and ID-to-selfie matching.
- Built the native interop layer (Swift, Kotlin, Platform Channels) for real-time camera analysis and OCR, and optimized memory during on-device neural network execution for a smooth 60fps camera preview with zero memory leaks.

Flutter Developer, The Flutter Way (YouTube Channel)
Dhaka, Remote | Apr 2023 - Aug 2024
- Built production-quality Flutter UI implementations, custom animations, and pixel-accurate design reproductions used as teaching material for a channel with 200K+ subscribers.
- Established reusable component patterns and widget architecture used as reference implementations in the channel's tutorials.

Software Engineer, Durjoy DSS
Chittagong, Remote | Mar 2022 - Dec 2022
- Re-architected legacy monolithic mobile apps into modular Clean Architecture with Bloc, reducing production crash rates by 40% and improving test coverage.
- Built internal dashboards and delivered full-cycle projects independently, from requirements analysis to deployment.

Flutter Developer, Devignedge
Chittagong, Remote | May 2020 - Jan 2022
- Developed and delivered client Flutter apps across multiple verticals as a contract developer, covering UI implementation, REST API integration, and store release.

WordPress Developer, Freelance
Remote | Dec 2018 - Jan 2020
- Built and customized WordPress and WooCommerce sites for small business clients; later applied this foundation to Flutter and WordPress hybrid apps such as NewsPro and The Toys Boutique.

SELECTED PROJECTS

LocalMind | Flutter, Riverpod, ObjectBox, Ollama, LM Studio, OpenRouter
Open-source (MIT) privacy-first AI chat app that connects to local LLM servers and cloud providers, with real-time SSE streaming, persona management, live model swapping, and local-only encrypted storage. 10K+ installs.

Shobdo Dictionary | Flutter, Isar, OCR, Spaced Repetition
Offline-first English-Bangla dictionary and language-learning app with OCR lookup, gamified flashcards, and exam decks for BCS, IELTS, and GRE.

SPAITR | Flutter, Supabase, React, TinyLlama
Co-built a sports training platform with an AI coaching assistant on a fine-tuned TinyLlama model, team management, workout tracking, and performance analytics.

NewsPro | Flutter, WordPress REST API, CodeCanyon
Commercial Flutter template that turns a WordPress site into a native Android and iOS news app, with dark mode, RTL, push notifications, ads, and OTP auth. 1K+ installs.

Flutter Component Separator | VS Code Extension API, TypeScript
Open-source VS Code extension that splits multi-widget Flutter files into a components folder and rewrites imports.

EDUCATION

Diploma in Computer Science & Engineering, Shyamoli Ideal Polytechnic Institute, Bangladesh

ADDITIONAL INFORMATION

- Languages: English (full professional proficiency), Bangla (native)
- Availability: full-time, contract, and freelance roles; remote; US and EU time zone overlap