Farhan Iqbal Junior Flutter Developer

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PROFILE SUMMARY

- **Junior Flutter Developer** with **2 years** at an **IT services firm**, building **card and payment features** for a **Gulf retail bank's** iOS and Android app.
- Works in languages (**Dart 3**, Kotlin and Swift basics), state (**Riverpod**, freezed), data (**Dio**, Hive), testing (**flutter_test**, mocktail, golden tests) and CI (**GitHub Actions**, Codemagic).
- Growing in **banking UI work**: right-to-left layouts for Arabic, accessible forms, **platform channels** to native security SDKs, and state that QA can reproduce from a bug report.
- Works with **2 senior Flutter engineers**, a **product designer**, the bank's **QA team** in Dubai and **backend developers** in Karachi, from sprint refinement to the store submission.
- Keeps the team's **Widgetbook** catalog of shared widgets up to date, writes the **release notes** for each sprint build, and runs **Dart 3 basics** sessions for new interns.

TECHNICAL SKILLS

Languages:	Dart 3, Kotlin (basics), Swift (basics), SQL
Flutter SDK & Tooling:	Flutter, Material 3, Cupertino, Flutter DevTools, Widgetbook
State & Navigation:	Riverpod, freezed, go_router, Provider (older screens)
Data & Networking:	Dio, REST APIs, Hive, json_serializable, Firebase Auth
Native Interop:	Platform channels, Pigeon, Android Studio, Xcode (basics)
Testing:	flutter_test, mocktail, golden tests, integration_test
CI/CD & Monitoring:	GitHub Actions, Codemagic, Firebase Crashlytics, Google Play Console, TestFlight

EDUCATION

Lahore University of Management Sciences (LUMS) — **BS in Computer Science** — Lahore, Pakistan · Sep 2020 to Jun 2024

WORK EXPERIENCE

Systems Limited — **Associate Software Engineer, Flutter** — Lahore, Pakistan · Sep 2024 to Present

- Built **14 card management screens** (freeze card, spending limits, PIN reset) in **Flutter** for a Gulf retail bank's app, with **Material 3** theming and right-to-left layouts for Arabic users.
- Moved the card feature from setState to **Riverpod** providers and **freezed** state classes under senior review, cutting bugs reopened by QA on card screens from 11 a sprint to **3**.
- Wrote widget and **golden tests** with **flutter_test** and mocktail for 22 shared form widgets, raising test coverage on the card module from 34% to **77%**.
- Wrote a **Pigeon** platform channel to the bank's native card tokenization SDK in Kotlin and Swift, replacing 2 native screens with one Flutter flow and cutting add-card steps from 7 to **4**.
- Fixed 6 null-check and lifecycle crashes found in **Firebase Crashlytics** on the login and card screens, raising crash-free sessions there from 98.7% to **99.6%**.

Arbisoft — **Software Engineering Intern, Mobile** — Lahore, Pakistan · Jun 2023 to Aug 2023

- Built a Flutter expense tracker prototype with **Dio** calls to a REST API and **Hive** storage, so entries saved offline synced later, and demoed it to **3 client leads**.
- Set up a **GitHub Actions** workflow that ran flutter analyze and tests on each pull request and built a signed App Bundle, cutting manual build time from 40 minutes to **8**.
- Profiled the transaction list in **Flutter DevTools** and moved it to ListView.builder with const rows, keeping scrolling at **60 fps** on a 2019 budget Android phone.