

Ibtsam Bilal

Senior Flutter Developer · Cross-Platform Mobile Engineer

ribtsam0@gmail.com | +923227547566 | Punjab, Pakistan | [linkedin.com/in/ibtsambilal](https://www.linkedin.com/in/ibtsambilal)

PROFESSIONAL SUMMARY

Senior Flutter Developer with 5+ years of software development experience, specialising in production-grade cross-platform mobile apps. I have shipped 20+ apps across fintech, POS and SoftPOS systems, payment gateways, ride-hailing, food delivery, ecommerce, and real-time tracking — from architecture through to App Store and Play Store deployment. I have contributed within a team of 10 mobile engineers and currently work remotely with a Riyadh-based fintech company, giving me strong familiarity with Gulf work culture and remote collaboration. My strongest areas are Bloc/Cubit state management, Clean Architecture, scalable UI systems, performance optimisation, and complex API integrations.

EDUCATION

Bachelor of Science – Computer Science (BSCS)

Riphah International University, Pakistan | Jul 2016 – Aug 2020

EXPERIENCE

Senior Mobile Developer (Flutter) · InterPay

Dec 2022 – Present | Riyadh, Saudi Arabia · Remote

Leading Flutter development for a suite of payment, POS, and operational apps in live production across Saudi Arabia, within a 10-person mobile engineering team.

- Reduced SoftPOS transaction processing time from 40s to 22s through targeted logic and flow optimisation.
- Migrated major applications to Bloc/Cubit, improving maintainability and code consistency across the team.
- Built and published payment gateway SDKs for Flutter, native Android, iOS, and React Native with secure HMAC-based flows.
- Delivered core modules across SoftPOS and Retail POS/ECR apps — payments, inventory, vouchers, branches, and operational flows — actively used in live merchant environments across Saudi Arabia.
- Added multi-environment support across Windows, Linux, Android, and iOS within a single codebase.
- Improved overall app stability, eliminated recurring crashes, and raised the reliability standard across multiple production apps serving real merchants daily.

Senior Flutter Developer (Part-Time) · Pinch

Aug 2023 – Jul 2025 | Pakistan · Remote

Sole Flutter frontend engineer for Pinch, a US-based food-tech startup — responsible for the complete ordering ecosystem across Merchant, Rider, and Consumer apps.

- Designed and built a single coherent architecture independently across three separate apps — covering state management, navigation, and modular feature structure — ensuring consistency and long-term maintainability.
- Implemented real-time rider tracking with live map updates and status streaming via WebSockets.
- Delivered merchant tools, order flows, delivery flows, and customer-facing screens end-to-end with minimal supervision.
- Eliminated unnecessary UI rebuilds and optimised rendering performance, reducing visible lag and delivering a noticeably faster experience across all three apps.

Flutter Developer · NexGen Ventures Pakistan

Aug 2021 – Dec 2022 | Lahore, Pakistan

Worked on multiple large-scale production apps across ride-hailing, food delivery, ecommerce, and kiosk systems.

- Built core features for the Pyxis Super App: ride-booking and negotiation flow, food delivery, rental vehicles, pharmacy and grocery ordering with image-based prescriptions, and intercity travel.
- Designed and built the Mealsmash Kiosk application from scratch.
- Developed major modules in Wahoox: ecommerce, job listings, barter, services, and learning features.
- Used Provider, REST APIs, Firebase, phone authentication, and complex data modelling throughout.

Intern Flutter Developer · Wordpress Geza

Feb 2021 – Jul 2021 | Faisalabad, Pakistan

- Learned Flutter and Dart fundamentals — widgets, layouts, and localisation.
- Developed UI screens and modules; supported senior developer with bug fixes and feature work.

Programming Instructor · Career Institute

Aug 2020 – Feb 2021 | Faisalabad, Pakistan

- Taught C++, Python, and Office Management to beginner and intermediate students.
- Designed practical lessons and guided students through coding tasks and problem-solving.

KEY PROJECTS

InterPay SoftPOS Payment App — Live production SoftPOS app used by merchants across Saudi Arabia. Flutter, multi-platform (Android, Windows, Linux). Sole architect and lead developer on the performance overhaul.

InterPay Retail POS / ECR App — Tablet-based POS system handling ordering, inventory, vouchers, branches, and Miura payment integration. Core module ownership.

InterPay Payment Gateway SDKs — Published SDKs for Flutter, native Android, iOS, and React Native. Secure HMAC flows and payment session management. Used by third-party integrators.

Pinch Food Ordering Ecosystem — Three live apps — Merchant, Rider, and Consumer — with real-time tracking, ordering, and delivery flows. Built as sole Flutter engineer from architecture to deployment.

Pyxis Super App — Multi-service super app covering ride-hailing, food delivery, pharmacy ordering, rental vehicles, and intercity travel. Large-scale modular Flutter codebase.

Mealsmash Kiosk — Self-service kiosk application designed and built independently. Custom UI flow optimised for touch-based in-store use.

Wahoox Marketplace — Full-featured marketplace app with ecommerce, barter, job listings, services, and learning modules. Provider architecture, Firebase, REST APIs.

SKILLS

Core: Flutter · Dart · Bloc / Cubit · Provider · GetX · Clean Architecture · Feature-based modular structure

Backend: REST APIs · GraphQL · WebSockets · Firebase (Auth, Firestore, FCM, Storage) · HMAC / secure flows

Native: Native Android (Java / Kotlin) · Native iOS (Swift) · Platform channels

Storage: Hive · Drift · SQLite · Secure local storage

Payments: POS · SoftPOS · Payment gateway SDKs · App-to-app integrations · Transactional flows

Real-time: Google Maps · Live tracking · WebSocket streaming · Push notifications

Tooling: Git · GitHub · Bitbucket · Azure DevOps · CI/CD · App Store & Play Store deployment (20+ apps)

Other: Responsive / adaptive UI · Custom widgets & animations · HTML5 / CSS3 / JS (WebViews)

LANGUAGES

English — Professional working proficiency **Urdu** — Native