Walid Ahmed

Mobile Application Developer

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Links: [LinkedIn](#) | [GitHub](#) | [Flutter Library](#)

Professional Summary

Mobile Application Developer with 3+ years of experience in Android and 1+ year in Flutter development. Proven track record in building scalable, user-focused apps using modern frameworks like Jetpack Compose, ExoPlayer, and GetX. Passionate about open-source, continuous learning, and delivering clean, maintainable code.

Core Technical Skills

Kotlin, Java, Dart, Flutter, Android SDK, Jetpack Compose, Firebase SDK, Google Maps SDK, MVVM, MVP, Clean Architecture, Retrofit, Room Database, LiveData, ViewModel, Hilt, ExoPlayer, WorkManager, Firebase Auth, Firestore, Crashlytics, GraphQL, Glide, Coil, SharedPreferences, GetX, GetStorage, Android Studio, VS Code, Git, GitHub, Postman, Figma, Firebase Console, Google Play Console, Apple Developer Console, JIRA, Trello, Slack, Material Design, Responsive Layouts, Custom Animations, Lottie Integration, REST APIs, GraphQL APIs, Flutter (Android & iOS), Hybrid Architecture, Google Play Store, Apple App Store, Firebase App Distribution

Professional Experience

Application Engineer Android

Next Generation Innovation, Karachi | *Sep 2022 – Present*

- **Siro – Hotel Management App (Android)**
  Hospitality application with four core modules: Fitness, Nutrition, Room Booking, and Membership.
  - Developed and enhanced modules including Authentication, Profile, Membership, and Booking (40% project contribution).
  - Improved customer engagement by streamlining fitness and nutrition tracking features.
  - Applied MVVM architecture for scalable, maintainable development.

- **Feeling Blessed – Charity Donation App (Android)**
  Platform enabling Muslims to make one-off or recurring donations to registered charities via mobile.

- Owned end-to-end development of modules including Blessed 10, Referral, and Qurbani features (100% ownership).
- Improved donation workflows and implemented personalized engagement features.
- Enhanced user engagement with Firebase Analytics and referral mechanisms.

- **Trikl – Financial App (Android)**

  App designed for secure onboarding and identity verification.

  - Implemented remote configuration management to allow dynamic feature updates.
  - Built custom selfie and ID card cropping functionality for smoother KYC verification (10% contribution).

Android & Flutter Developer
IDEAZSHUTTLE, Karachi | Nov 2021 – Aug 2022

- **Vital Tea – Consumer App (Android & iOS)**

  Retail application providing e-commerce and promotional features for Vital Tea.

  - Developed the Android app (100%) and built the Flutter-based iOS version.
  - Delivered features including product catalog, cart, and order tracking.

- **E-Commerce, POS & Delivery Apps**

  Suite of mobile applications for retail, sales, and delivery management.

  - Implemented REST APIs, Room Database, and Google Maps integration.
  - Utilized GetX, Floor, and Get Storage for efficient state management and offline-first experience.

Android Developer
OrderCall Pvt Ltd, Karachi | Jun 2021 – Oct 2021
Platform enabling retailers to order wholesale products directly.

- Contributed to the Profile module and performed app maintenance to improve performance and reliability.
- Enhanced user experience through clean code refactoring and feature optimization (10% contribution).

Achievements & Open-Source Contributions

- **Published Flutter Package**: [Power Switch Button](#) customizable power switch UI widget.
- **Open-Source Contributor**: Contributed to [Shopify's checkout-sheet-kit-android](#).
- **Badge**: Pull Shark on GitHub (Oct 2024)

Education

Bachelor of Computer Science

Iqra University, Karachi | *Jan 2016 – Jan 2020*

GPA: 3.21

Publications

- [Auto-Migration in Room Database Android](#) *(Jan 2024)*
- [Introducing StateSharedFlow](#) *(Jun 2024)*
- [Fetch Thumbnail or Logo from URL](#) *(Jun 2024)*
- [Creating a Multilingual Android App](#) *(Jun 2024)*

Languages

- English (Moderate)
- Urdu (Fluent)

Interests

Teaching, Cricket, Building Apps, Traveling