

Muhammad Awais

Senior Mobile App Developer

+923010789555 | mughal963@gmail.com | Lahore, Pakistan | <https://devawais.com> | <https://github.com/devawais-official>

SUMMARY

Senior Mobile App Developer with 6+ years of engineering experience, deeply specializing in the Android ecosystem (Kotlin/Java, Android TV) with strong, recent production experience in cross-platform Flutter development. Expert in clean architecture and modern state management (MVI, BLOC). Proven track record of delivering highly scalable applications with real-time data and payment integrations. Passionate about bridging the gap between product and engineering, mentoring teams, and driving technical excellence, consistently maintaining 99%+ crash-free session rates.

SKILLS

Mobile & Architecture

Android: Jetpack (Compose, Room, Navigation), TV Leanback, Custom UI.

Flutter: Widgets, BLoC, Riverpod, GetIt

Architecture: Clean Architecture, MVVM, MVI, Dagger/Hilt

State/Async: Coroutines, Flow, LiveData.

Programming Language: Java, Kotlin and Dart

Ecosystem & Cloud

Cloud: Firebase (Firestore, FCM, Auth, Remote Config), SQLite

Networking: Retrofit, OkHTTP, DIO, Socket.IO (REST/SOAP).

Analytics: Mixpanel, Adjust, Firebase, Google.

Payments: Google Pay, X Stax, In-App Billing, Local Gateways.

Tools & DevOps

CI/CD: Github Actions, CI/CD, Gradle (Groovy/Kotlin DSL).

Testing: JUnit, Mockito, Espresso, Flutter Test.

Collaboration: Jira, Agile/Scrum, Git, VS Code.

Security: WireGuard, VPNService, Encrypted Storage.

EXPERIENCE

QuickGem Solutions (February 2026 – Present Contract)

Sr. Mobile Application Developer

- App Consolidation & Multitenancy:** Engineered a high-scale, multitenant medical health platform by consolidating legacy, separate doctor and patient apps into a single, unified codebase using **Jetpack Compose** and **MVI architecture** to ensure a predictable unidirectional data flow and drastically lower maintenance overhead.
- Telehealth & Real-Time Communication:** Integrated the **Agora SDK** within the MVI framework to implement low-latency video calling and real-time chat features, enabling seamless doctor-patient consultations.
- IoT & Medical Hardware Integration:** Architected a reactive device integration framework supporting **Spectra Care 6-in-1 health monitors** (Oximetry, Heart Rate, Blood Pressure, Body Temperature, Blood Glucose, and ECG) and various biomedical devices, leveraging Compose states for real-time health data rendering.
- Data Management & Interoperability:** Managed the ingestion and synchronization of large volumes of patient health data by implementing secure **SOAP API** integrations for electronic health records (EHR).

Egora Pvt Ltd, Lahore, PK (April 2024 – February 2026)

Sr. Mobile Application Developer

- Flutter & Architecture:** Engineered a high-scale reservation module for core and white-label products using Flutter, Dio, and GetIt, driving a 30% increase in customer adoption.
- Hardware Integration:** Architected a Jetpack Compose application for Bluetooth thermal printers, achieving 100% reliability and 50% reduced latency for print queries.
- Fintech & Security:** Integrated XStax payment gateway processing 10k+ monthly transactions with 99% uptime; implemented Encrypted Shared Preferences for secure data persistence.
- Media & DevOps:** Developed custom audio/video player components and managed deployment pipelines using Bitbucket and Feature Flags for iterative testing and funnel tracking via Google Analytics.

Healthwire Pvt Ltd, Lahore, PK (September 2022 – March 2024)

Software Engineer, Android Developer

- **Architecture & DI:** Developed a dual-app (Patient/Doctor) ecosystem using MVVM, Hilt/Dagger, Coroutines, and Flow, integrating REST & SOAP APIs for legacy blog and third-party systems.
- **Telehealth & Engagement:** Integrated Twilio for real-time video consultations and Zendesk Chat, boosting user engagement by 15% through A/B testing and deep-link navigation.
- **Fintech & Analytics:** Managed Meezan, Jazzcash, and Foree gateways with 100% security; utilized Mixpanel, Adjust, and Pushwoosh for funnel analytics and Remote Config for dynamic UI updates.
- **Performance:** Migrated critical UI components to Jetpack Compose and optimized the database layer using Room, maintaining a 99%+ crash-free rate via Firebase Crashlytics.
- **Cross-Functional Collaboration:** Partnered closely with iOS, backend, and design teams, alongside Project and Product Managers, to align technical implementations with business objectives and ensure seamless feature parity across platforms.
- **Mentorship & Code Quality:** Mentored junior developers through comprehensive code reviews, pair programming, and architectural guidance, elevating the team's output and fostering a culture of clean code and best practices.

Dongamers, Lahore, PK (July 2020 – September 2022)

Senior Android Developer (July 2021 – September 2022)

- **Stability and Debugging:** Elevated app stability to 99% crash-free sessions and reducing ANRs through proactive debugging and performance tuning.
- **Technical Leadership:** Led a cross functional mobile development team, establishing Code Review standards to ensure high-quality delivery and 20% reduction in production bugs.
- **Revenue Optimization:** Optimized monetization by consolidating In-app Purchases and Google AdMob, increasing total sales by 10%.

Android Developer (July 2020 – June 2021)

- **Workflow:** Designed and launched the Dongamers App and migrated from Java to Kotlin, scaling to global availability (99% coverage) and ensuring accessibility for international users.
- **Real-Time Architecture:** Architected a scalable real-time chat system using Pusher, resulting in a 15% boost in user engagement and improved message delivery.

Freelance Mobile Developer | Remote (January 2020 - June 2020)

- **Cross-Platform Development:** Architected and delivered responsive mobile applications using Flutter and Dart for diverse clients, accelerating time-to-market and ensuring high UI/UX fidelity.
- **Client Communication & Scoping:** Gathered requirements directly from stakeholders, provided technical consultation, and translated business needs into scalable mobile solutions.
- **Technical Delivery:** Managed end-to-end app development lifecycles, from UI prototyping to API integration and deployment, maintaining strict adherence to client deadlines.

Netroots Technologies LLC, Lahore, PK (September 2019 – December 2019)

Android Developer Intern

- **Java Development:** Developed a Java-based GPS attendance system with image validation, increasing employee tracking accuracy by 40%.
- **Workflow Automation:** Automated HR profiling and administrative workflows, reducing manual overhead by 50% while resolving 90% of critical production bugs.
- Upheld 99% uptime and successfully resolved 90% of critical bugs within production environment.

EDUCATION

Bachelor of Science in Computer Science (2015 – 2019)

University of South Asia, Cantt, Lahore, Pakistan
CGPA 3.8/4.0

CERTIFICATION

Software Engineer Certificate (April 2024)
HackerRank