

# Muhammad Umair Khan

Mobile Developer (Android & Flutter)

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## SUMMARY

Dynamic Mobile Application Developer with 5 years of experience designing and delivering high-performance Android (Native) and Flutter applications. Proven track record in providing user-centric scalable solutions at Aga Khan University Hospital (2020–present), transitioning from Android to cross-platform Flutter development. Skilled in translating complex requirements into intuitive applications, optimizing performance for low-resource environments, and driving user engagement.

## EXPERIENCE

<b>Flutter Developer</b> <i>Aga Khan University Hospital</i>	Oct 2023 – Present Karachi
<ul style="list-style-type: none"><li>Designed and implemented mobile applications with a focus on scalability and maintainability.</li><li>Ensure performance, quality, and responsiveness through testing and optimization.</li><li>Architect solutions for low-resource environments to enhance accessibility and efficiency.</li><li>Continuously refine and enhance applications based on user feedback and performance insights.</li></ul>	Mar 2020 – Sept 2023 Karachi

## TECHNICAL SKILLS

### For Android (Native Platform):

- Languages:** Java, Kotlin
- Architecture:** MVVM, MVP, Clean Architecture
- Offline Database:** SQLite, Room Database
- Firebase:** Authentication, Firestore, Realtime Database, Cloud Messaging (FCM), Notifications
- APIs:** Retrofit, Volley
- SDKs:** Google Map SDK, Bluetooth SDK
- Libraries:** Jetpack Compose, Material Design, Unit Testing (JUnit) and more Jetpack components

### For Flutter (Cross Platform):

- Languages:** Dart
- State Management:** Provider, Bloc, GetX
- Architecture:** MVVM, Clean Architecture
- Offline Database:** SQLite (sqflite), Hive
- Firebase:** Auth, Firestore, Storage, Push Notifications
- API Integration:** Dio, HTTP, GraphQL, JSON Serialization
- UI/UX:** Adaptive & Responsive Design, Material/Cupertino Widgets, Animations
- Additional:** Performance Optimization, Unit Testing, Widget Testing, Third-Party Libraries

### Tools & Practices:

- Version Control:** Git, GitHub, CI/CD (Bitrise, CodeMagic)
- Tools:** Android Studio, VS Code, Postman

## EDUCATION

<b>Sir Syed University of Engineering And Technology</b> <i>BS Computer Engineering</i>	Jan 2014 – Aug 2018 Karachi
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