

# Ammar Sohail

Mobile Application Developer with a focus on Android, iOS and KMP

Karachi, Pakistan

+92 347 200 32 34 | [Github](#) | [Medium](#) | [Portfolio](#) | [LinkedIn](#)

Born 04/12/1992

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I'm a Pakistani citizen and I can provide my own visa/work permit within 3-4 weeks.

My notice period is 30 days.

## TECHNICAL SKILLS

**Mobile Development:** Android, Android SDK, iOS, Kotlin Multiplatform Mobile, Flutter, Material Design, Jetpack, Navigation Component, Compose, SwiftUI, Dagger2, Hilt, Koin, LiveData, Kotlin Flow, Coroutines, Combine, XML, JSON

**Languages:** Kotlin, Swift, Java, Dart

**Architectures:** MVVM, MVI, MVP, VIPER, Multi Module Clean Architecture, Dio

**Networking and APIs:** Retrofit, GraphQL, REST APIs, Ktor, Socket.io, XMPP

**Database and Storage:** Room, SwiftData, Realm, MySQL, SQLite, SQLDelight

**Testing:** TDD, Unit Testing, JUnit, Integration Testing, Espresso, Truth, Mockk, Turbine

**Tools and CI/CD:** CI/CD, Fastlane, Firebase, Crashlytics, Mixpanel, Apptimize, OneSignal

**Version Control:** Git, Github, Gitlab, Bitbucket

**Backend and Microservices:** Spring Boot, Microservices, Docker, AWS

**Teamwork and Workflow:** Agile and Scrum, JIRA, Notion

## SOFT SKILLS

Communication | Collaboration | Problem-solving | Critical Thinking | Time Management | Teamwork | Leadership | Decision Making | Active Listening | Flexibility | Open-mindedness.

## WORK EXPERIENCE

**Senior Software Engineer, Level 2**

Bazaar Technologies

**05/2021 – present**

Karachi, Pakistan

**Project:** [Bazaar Customer](#) - E-commerce platform serving a diverse user base, with 100k+ active monthly users.

- Worked in an agile team of 20, converting an app to a multi-module feature-layered architecture with respect to the business domain, and using jetpack components with compose UI, which increased the performance by 30% and reusability by 20%. Developed every feature to be easily plugged into any app by its GitHub package dependency.
- Wrote extensive unit and UI tests using JUnit and compose, resulting in 86% code coverage and improved crash-free users to 99.6%.
- Setting up a mix panel for event tracking to analyze the user journey and implemented vector with authentication to track the events to a local database of the user by overriding the mix panel endpoint URL.
- Implementing CI/CD pipelines and monitoring crashes using Firebase Crashlytics.
- Combined generic Jetpack Compose UI widgets into a shared repo for reuse in any project, boosting development speed by 15%.
- Collaborated in transitioning the app from B2B to B2C, expanding its reach to individual consumers. Adapted core features to meet retail user needs, improving usability and market reach.
- Transitioned the app to Kotlin Multiplatform (KMP) to enable iOS support while maintaining native UIs for Android and iOS, gaining hands-on cross-platform development experience and contributing directly to iOS development during the transition.

**Project:** [Bazaar Agent](#) - E-commerce platform for customer onboarding.

- Worked in an agile team of 10, integrated location-based order restrictions with backend API, enhancing compliance by 30%.
- Built a performance module with Compose UI and end-to-end testing, enabling team leads and members to track their performance.
- Deployed microservices on AWS and set up CI/CD pipelines using Fastlane.

**Project:** [Bazaar Warehouse](#) - Inventory Management Platform

- Led mobile development for Bazaar's warehouse management platform, the backbone for inventory tracking and warehouse operations, collaborating with an agile team of 5 (1 mobile developer, 4 backend developers).
- Built the Cycle Count feature from scratch using Jetpack Compose, optimizing UI performance and usability.
- Structured each feature as an independent module with dedicated database tables, enabling seamless integration.
- Improved crash-free users from 76% to 98%.
- Enhanced test coverage from 84% to 95%, boosting app reliability.
- Developed the PutAway feature from scratch, working closely with backend team members to create APIs for streamlined inventory processes.
- Applied SOLID principles, minimizing boilerplate code and improving maintainability.

### Senior Software Engineer

Avanza Solutions

09/2019 – 05/2021

Karachi, Pakistan

**Project:** Mobile Banking - Pakistan-based banking product.

- Worked in a team of 4, implementing end-to-end encryption from request to response payload in 2 layers in PD and revamping the session manager.

### Android Developer

Innovative Solutions

11/2018 – 08/2019

Karachi, Pakistan

**Project:** [Comera](#) - Dubai-based communication app (like Whatsapp) with over 5M+ downloads.

- Worked in a team of 7, developing a chat module from scratch by XMPP using the Smack library. Created separate modules that integrate with other modules and provide features on demand. Worked on data encryption of the Android realm database.

### Android Developer

Axact

04/2017 – 10/2018

Karachi, Pakistan

**Project:** TheHospital - A virtual doctor consultation app.

- Worked in a team of 3, developed different modules like a newsfeed, chatting with socket.io and push notifications from Firebase.

### Software Engineer

Sidat Hyder Morshed Associates

03/2016 – 04/2017

Karachi, Pakistan

**Project:** HCM - Pakistan-based employee management.

- Built different modules using Sybase language and database and created flowcharts, layouts, and documentation.

## OTHER PROJECTS

### Learning Purpose

08/2021 – 12/2022

**Project:** [Blog App](#) - Created a Blog Reader app from scratch for learning, published on the Play Store, featuring a multi-module clean MVI architecture with easily configurable modules.

**Project:** [E-commerce App](#) - Designed and developed a shopping app from scratch, released on the Play Store, incorporating a modular MVI architecture with streamlined API integration for seamless deployment.

**Freelance Engineer****06/2020 – 02/2021**

**Project:** Matrimonial App - Built a Pakistan-based matrimonial app for parents seeking marriage proposals for their children, using Flutter 2.0 with MVVM clean architecture.

**EDUCATION**

Bachelor of Science in Computer Science  
University of Karachi (UBIT), Karachi, Pakistan

**01/2012 – 12/2015****LANGUAGE SKILLS**

English (C2) | Hindi (C2) | Urdu (Mother tongue) | German (A1 currently learning)

**HOBBIES**

Traveling | Futsal | Swimming