

Sadda Hussain Butt

Senior Android Engineer

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Summary

Android developer with 8 years of experience building mobile apps from concept to release. Experienced across B2B, B2C, and C2C domains, including booking, healthcare, VPN, virtual fitness, marketplaces, and self-service kiosks with advanced hardware integration. Highly adaptable, with a proven ability to deliver secure, scalable, and user-friendly solutions across diverse industries.

Professional Experience

Devsarch

April 2025 - Present

Lead Android Engineer

- Collaborated with product, design, and backend teams to deliver robust Android applications aligned with business goals.
- Developed an Android-based in-store kiosk application for [BuyBackX](#) a certified electronics buyback store, allowing customers to instantly generate device quotes and complete cash sales for used smartphones, tablets, and laptops directly from the kiosk.
- Developed the Android application for [Cellular Optics](#), a cloud-based mobile device diagnostics platform enabling automated testing, IMEI checks, data erasure, battery health analysis, and real-time reporting for used device processing and resale.

Xenex Media

May 2019 - Mar 2025

Senior Android Developer - Remote (Australia)

- Led a team of more than 10 developers, delivering over 10 Android applications across diverse domains. Managed end-to-end app development from BRD to Play Store deployment and post-launch support.
- Developed scalable Android apps (Kotlin, MVVM, Clean Architecture, Jetpack, Firebase) for mood, sleep & activity tracking.
- Integrated LLM APIs (OpenAI GPT-4o Mini, Groq LLaMA 3.1 8B/70B) for context-aware AI recommendations & chatbot.
- Implemented end-to-end data security via AES encryption, Biometric Authentication & Two-Factor Authentication (2FA).
- Integrated Stripe Payment Gateway with multi-currency support (AUD, THB), automated receipts & transaction history.
- Delivered white-label architecture with dynamic UI theming & multi-language localization (EN, ZH, TH, KO).
- Key Projects (available on Play Store): [SwapCo](#), [BoroMe](#), [FreshFeelz](#), [GoCycle](#)

Upgenics International

Oct 2018 - April 2019

Android Developer

- Contributed to the development of [PhoneCheck](#), a patent-pending mobile diagnostic solution performing around 60 automated tests on mobile devices.

AppsGenii Technologies

Oct 2017 - Oct 2018

Android Developer

- Contributed to the development of a media-rich polling platform.

Skills

Core Languages & Frameworks Kotlin, Java, Jetpack Compose, Android SDK, XML Layouts

Architecture & Design Patterns MVVM, MVI, Clean Architecture, Repository Pattern, SOLID Principles

Jetpack & Android Libraries Room, ViewModel, LiveData, StateFlow, Navigation Component, WorkManager, DataStore, Hilt/Dagger2

Networking & Data Retrofit, OkHttp, REST APIs, GraphQL, JSON, Gson, Moshi, Coroutines, RxJava

Testing JUnit, Espresso, Mockito, UI Automator, TDD

CI/CD & DevOps Git, GitHub Actions, Bitrise, Firebase App Distribution, Play Store Deployment, Fastlane

Performance & Security ProGuard, R8, Memory Optimization, Battery Optimization, SSL Pinning, Biometric Authentication

Other Firebase (FCM, Crashlytics, Analytics), Google Maps SDK, BLE/Bluetooth, NFC, In-App Purchases, WebSockets, Agile/Scrum

Education

University of Gujrat

Oct 2013 - Oct 2017

Bachelor of Science, Software Engineering

Grade: A+

Activities: IEEE Student Ambassador, Pakistan

Major: Mobile App Development, Computer System Security