

Ali Asjad

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SUMMARY

Senior Android Developer with 5+ years of experience building performant, large-scale mobile apps with over 10M+ users. Proven expertise in modern Android development (Kotlin, Compose, Coroutines), performance tuning, and system-level features like overlays and background services. Led teams, shipped top-rated apps, and optimized for speed, battery, and ANR stability.

SKILLS

- Java, Kotlin
- MVVM, Clean Architecture
- WindowManager, Android Overlay
- Hilt, Koin
- Coil, Glide
- ANR Analysis & Reduction
- Firebase (Crashlytics, Realtime Database, Authentication)
- Jetpack Compose, XML Views
- Kotlin Multiplatform, Compose Multiplatform
- Coroutines, Flow
- WorkManager, Background Services
- Retrofit, OkHttp, Ktor
- Room, SQLDelight, SQLite
- Google Play Store (Release Management, App Signing)

WORK EXPERIENCE

Vertechx Technologies – Lahore, Pakistan

July 2022 – Present

Senior Android Developer, Team Lead

- **Led a team of Android developers**, mentoring them in best practices, architecture, and performance optimization.
- Designed and implemented scalable and maintainable Android applications using **Kotlin, Jetpack Compose, MVVM, and Clean Architecture**.
- Optimized app performance by **reducing lock screen load time by 25%** through view hierarchy optimization and better coding practices, resulting in enhanced user experience and faster app responsiveness.
- Migrated legacy code from AsyncTasks, Threads, and RxJava to **Kotlin Coroutines**, improving performance, readability, and maintainability.
- Integrated **Jetpack Compose** with existing View-based UI, improving development efficiency, feature rollout speed, and code maintainability.
- Reduced **invalid ad clicks by 80%** across all apps by preventing accidental clicks, improving AdMob reporting accuracy, and enhancing revenue quality.

Vertechx Technologies – Lahore, Pakistan

March 2020 – June 2022

Android Developer

- Developed and maintained **Android applications**, improving **UI/UX** for a better user experience.
- Optimized app performance and reduced **ANR and crash rates**, achieving **99.0% crash-free users** across multiple apps.
- Collaborated with senior team members to **implement best practices** and enhance **code quality**.
- Worked on **bug fixes, feature enhancements**, and ensured smooth app functionality across devices.

PROJECTS

AppLock App

[Google Play](#)

- Developed a high-performance security app using **Kotlin & XML Views**, enabling app locking with Pattern, PIN, and Fingerprint authentication.

- Optimized view hierarchy, **multiprocess services**, and **memory management** to reduce battery consumption and minimize memory usage.
- Improved lock screen load time by 25%, ensuring a faster and more seamless user experience.
- Achieved **10M+ downloads** and a **4.5+ rating** on the Google Play Store, reflecting strong user adoption and satisfaction.

Resume Builder App (Kotlin Multiplatform)

[Demo Video](#)

- Developing a cross-platform resume builder app using **Kotlin Multiplatform (KMP)** and Compose Multiplatform (CMP).
- Enables users to create ATS-friendly resumes with customizable templates and export them as PDFs.
- Integrated **AI-powered PDF parsing**, allowing users to upload existing resumes and automatically extract details for faster resume creation.
- Implemented backend with **Spring Boot** & PostgreSQL to support user authentication and resume sync across devices.
- Integrated **Ktor** for API communication, **SQLDelight** for local storage, and **Coil** for efficient image loading.
- Utilized **Koin** for dependency injection, ensuring modular and scalable architecture.

Vivid Caller (Caller ID App)

- Developed a Caller ID app using Kotlin & **Jetpack Compose**, enabling real-time caller identification.
- Built a scalable backend with **Spring Boot** & MySQL, enabling fast and accurate caller identification.
- Implemented advanced name-matching algorithms to improve caller identification accuracy.
- Integrated RESTful APIs with **Retrofit** to retrieve caller ID data from the backend in real-time, ensuring accurate and seamless identification.
- Implemented encryption algorithms for secure data transfer between the app and backend, enhancing user privacy and security.

Meme Maker (Photo Editing App)

[Google Play](#)

- Developed a feature-rich meme editor for Android using **Java** and **Canvas API**, supporting text overlays, stickers, freehand drawing, and custom image borders.
- Built a scalable backend with **Django REST Framework** & MySQL, enabling fast and reliable meme template retrieval.
- Integrated RESTful APIs with **Retrofit** for seamless communication between the app and backend server.
- Achieved **100K+ downloads** and a **4.6+ rating** on the Google Play Store.

Urdu Keyboard App

[Google Play](#)

- Developed a custom **Android keyboard** using **Java** and Input Method Editor (IME) APIs, enabling users to seamlessly type in Urdu using Roman-to-Urdu transliteration.
- Implemented an intelligent **real-time text conversion engine** with efficient algorithms for fast and accurate Roman Urdu to native Urdu mapping.
- Designed and integrated multiple **customizable themes and layouts** using **XML views**, enhancing user personalization and experience.
- Achieved **500K+ downloads** and a **4.2+ rating** on the Google Play Store.

EDUCATION

Government College University Lahore

January 2020

Bachelor of Science, Computer Science