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

- Leading a team of Android developers, providing mentorship on architecture, performance optimization, and development best practices.
- 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 into legacy View-based codebases, accelerating feature rollout and improving maintainability.
- Reduced accidental ad clicks by 80%, improving AdMob reporting accuracy and increasing overall ad 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**

- Built a security-focused Android app that enables users to lock applications using Pattern, PIN, and Fingerprint authentication.
- Optimized view hierarchy, memory usage, and multiprocess services to reduce battery drain and improve overall system performance.

- Improved lock screen load time by 25%, resulting in a faster and smoother user experience.
- Reached over 10 million downloads and a 4.5+ rating on Google Play, demonstrating strong user engagement and satisfaction.
- **Technologies:** Kotlin, Java, XML Views, Fingerprint API, WorkManager, WindowManager, Foreground Services

Security Plus – Photo Vault App   Google Play

- Built a secure photo and video vault app with real-time encryption and decryption to protect private media while maintaining fast, seamless access.
- Engineered optimized encryption algorithms to minimize access latency and improve performance across a wide range of devices.
- Implemented advanced features including SD card support, hidden folders, and intruder detection using foreground services and device admin integration.
- Achieved over 1 million downloads, 16K reviews, and a 4.3+ star rating on Google Play.
- **Technologies:** Java, Kotlin, XML Views, Room, Scoped Storage, AccessibilityService, UsageStatsManager, Foreground Services

DuckResume – Resume Builder App   Google Play

- Developed a cross-platform resume builder app using Kotlin Multiplatform and Compose Multiplatform to target both Android and iOS platforms.
- Enabled users to create ATS-friendly resumes with customizable templates, PDF export, and real-time editing.
- Integrated AI-powered PDF parsing to extract resume data from uploaded documents, reducing manual input and speeding up resume creation.
- Built a backend with Spring Boot and PostgreSQL to support secure user authentication and cloud-based resume syncing.
- **Technologies:** Kotlin Multiplatform, Compose Multiplatform, Ktor, Coil, Koin, SQLDelight, Spring Boot, PostgreSQL

Meme Maker – Photo Editing App   Google Play

- Built a mobile meme editor that lets users create and customize memes with text overlays, stickers, freehand drawing, and image borders.
- Designed a scalable backend using Django REST Framework and MySQL to serve meme templates and asset libraries efficiently.
- Integrated REST APIs via Retrofit for fast and reliable data transfer between frontend and backend.
- Reached over 100K downloads with a 4.6+ rating on Google Play, reflecting strong user engagement and satisfaction.
- **Technologies:** Java, Canvas API, Retrofit, Django REST Framework, MySQL, REST APIs

Urdu Keyboard App   Google Play

- Built a custom Android keyboard enabling Urdu speakers to type using Roman Urdu, improving accessibility for non-native readers.
- Implemented real-time transliteration using custom algorithms and IME APIs.
- Achieved over 500K downloads and a 4.2+ rating on the Play Store.
- **Technologies:** Java, IME APIs, XML Views, SharedPreferences, Canvas

Vivid Caller – Caller ID App

- Developed a real-time caller identification app using Kotlin and Jetpack Compose, helping users detect unknown or spam calls.
- Built a scalable backend with Spring Boot and MySQL to support fast and accurate caller name retrieval.
- Improved caller match accuracy with custom name-matching algorithms and optimized database queries.
- Implemented data encryption for secure transmission of user and caller information, enhancing privacy and compliance.
- **Technologies:** Kotlin, Jetpack Compose, Retrofit, Spring Boot, MySQL, REST APIs, Encryption

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EDUCATION

Government College University, Lahore   **2016 – 2020**
Bachelor of Science in Computer Science