

Muhammad Waseem

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Ex-Lead Android Developer now a Founder of Syntax Talents

Android Kotlin & Java | MVVM / MVI | Kotlin compose Multiplatform (Android & iOS) | React Native

Senior Mobile App Developer with 12+ years of experience in Android (Kotlin), with additional expertise in Kotlin Compose Multiplatform for (Android & iOS) and React Native Basics. Skilled in Dependency Injection (Koin, Hilt & Dagger2), modern modularize architectures (MVI, MVVM & MVP), and Jetpack components. Proven ability to optimize performance, including implementing Modularized Modern Clean Architecture to boost efficiency by up to 90%. Proficient in XML/compose views, unit testing/testing frameworks, and CI/CD pipelines. Strong in solving complex technical challenges, enhancing development workflows, and contributing to cross-functional team success through effective communication and innovation.

WORK EXPERIENCE

Syntax Talents – Pakistan

10/2024 – Current

Founder & CEO (Islamabad, Pakistan)

Product Development.

- Leading the Team of 6 developers in team in different categories of expertise.
- Directed a team of developers in designing and integrating custom components, enhancing app functionality and user experience while maintaining high coding standards.
- One of the products is related to the Fleet Management System with real time tracking and the other one as related to the travel and tourism.

Moonlabor – Head office: Netherlands

07/2021 – 09/2024

Lead Android Developer & Mid-level Flutter Developer (Hybrid in Islamabad, Pakistan)

Responsible for managing 4 accounts in the Google Play Store for publishing white-label apps.

- Proposed and led the implementation of a Modern Modularized Architecture using Jetpack Compose, significantly improving app efficiency and performance by up to 90%.
- Directed a team of developers in designing and integrating custom components, enhancing app functionality and user experience while maintaining high coding standards.
- Coordinated closely with clients to align development strategies with business objectives, ensuring the successful delivery of tailored, high-performance Android applications.
- Streamlined development processes through the modularization of architecture, resulting in a scalable and maintainable codebase that optimized team productivity and reduced technical debt.
- Design Patterns, data structures, Coroutines & Flows, Hilt/Koin, Architecture components (Live Data, View Models, Room), CI/CD pipeline (Fastlane) continues delivery, Firebase app distribution, Retrofit RESTful APIs, debugging, Jetpack compose, UI/UX principles, Figma, Scrum Agile (Jira), Git svn version control (Github Desktop, SourceTree), Github actions, Flutter Dart, Melos.
- Live Apps: [USTA Flex](#), [LTA](#), [KNLTB Match](#), [Scala Sports](#).

Fornax Technologies – Head office, USA Miami (Florida)

09/2020 - 06/2021

Mobile Architect – Android (Contract based remote work)

Developed and improved the capabilities of mobile architecture and its components.

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- Established clean architecture with Kotlin coroutines, and modularization, and created reusable components to enhance maintainability and efficiency. Implemented navigation components, best practices, optimized performance, and scalability.
- Developed advanced security measures, including SSL pinning, code obfuscation, and biometric authentication to safeguard user data. Ensured application integrity while supporting continuous integration, unit testing, and code maintainability.
- Authored technical documentation and guides, detailing best practices and architectural decisions. Facilitated knowledge sharing and improved team productivity through clear and comprehensive documentation.

Target Technologies Pvt. Ltd. - Islamabad, Pakistan

03/2020 - 12/2020

Senior Android Developer (Hybrid)

Used strong communication skills to collaborate with team members over a custom communication platform such as Workspace.

- Enhanced app functionality by developing and updating features like chat, audio/video calls, task management, and planning tools, utilizing Kotlin and Java within the MVVM architecture.
- Delivered diverse product solutions across multiple domains, including eCommerce, food ordering, rider, workspace + chat + VoIP, and property management, integrating advanced technologies such as:
- Kotlin/Java, MVVM, clean architecture, GraphQL, gRPC, protobuf, Volley, MP Charts, VoIP using Jitsi Meet SDK (Socket), 3rd Party libraries (Twilio, JWT, Authentication), Camera, Bluetooth, NFC, and sensors.
- Live Apps: [Fluxble](#), [Inmaa Workspace](#), [Tatwir \(Formerly ISKAN\)](#), [Xeena](#), and [Reach Logistics](#).

Safarifone Inc. - Islamabad, Pakistan

02/2017 - 02/2020

Senior Software Development Engineer - Android (on-site)

- Led fintech application development for financial services from design to Play Store deployment, ensuring comprehensive functionality, user experience, technical feasibility, and client collaboration.
- Designed and implemented core features for secure wallet transactions including Mobile Top-ups, Load, Withdraw, Pay, Banking, Virtual cards, and many more, travel bookings, and integrated real-time communication using XMPP (Smack API) and VoIP (SIP).
- Developed functionalities including bill payments, and transactions (Local & Foreign remittances), enhancing app capabilities.
- App & Tech: [WaaFi](#), [HFL](#) & [Ebirr](#) Wallets, Java, MVP Architecture, AES encryption, SSL Pinning, ORM DB, XMPP Chat, VoIP (Voice)

3D Vision & Dalil Ride – Head office: KSA

02/2016 - 03/2017

Android Developer (Contract based remote work)

- Developed, Launched, and Optimized **LookLike** features, enhancing real-time chat, posting, and friend suggestions through advanced face matching, interest-based, and personality-based algorithms.
- Developed **Dalil Ride**, a real-time taxi navigation app similar to Careem (Uber), utilizing Location services for accurate ride-hailing.
- Tech: Android Java, MVP Architecture, Clean code, Retrofit, Fused Location, Google Maps, and Navigation.

JanBark Inc. – Islamabad, Pakistan

07/2015 - 06/2016

Senior Software Engineer Team Lead (on-site)

- Supervised a team of 5+ members, including developers, designers, and marketers, while developing 20+ apps, including the popular “Caller Name Announcer” with over 10 million downloads.

For More experiences, please visit my LinkedIn profile: <https://www.linkedin.com/in/waseem717/>

EDUCATION

Riphah International University - Islamabad, Pakistan

2009 – 2013

Bachelor of Software Engineering

PROFESSIONAL SKILLS

- **Professional experience** in Kotlin, Java, Modern clean Architecture, Coroutines & Flows, and Modularization.
- **Technical skills** in MVI (Model-View-Intent), MVVM (Model-View-View-Model), MVP (Model-View-Presenter), Jetpack Compose, Firebase (Crashlytics, Analytics), RESTful/SOAP Network APIs, Volley, Retrofit, gRPC, GraphQL, Security (Encryption/Decryption), Obfuscation, SSL Pinning, View & Data Binding, Room SQLite, ORM DB, Jetpack libraries, HILT, Dagger 2, Koin, Protobuf Preferences, Google Maps, Timber logging, Agile (Jira, Clubhouse, Azure, ClickUp), Git (Source Tree, Tower, GitHub Desktop), Figma UI/UX, Slack.
- **Basic experience** in Flutter (Dart), React Native (Redux toolkit), NodeJs, ReactJs, MySQL, RxAndroid, RxJava, HTML, CSS