TALHA HANIF

Senior Android Developer

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SUMMARY

Senior Android Developer with 7+ years of experience designing, building and releasing native Kotlin and Jetpack Compose apps, from concept to post-launch support. Delivered fintech features, including a multi-coin crypto wallet and Stripe payments, and built offline-capable apps for Telenor and Jazz. Skilled in MVVM, Clean Architecture, secure API integration, unit testing and CI/CD.

EXPERIENCE

Principal Software Engineer – Android

TEO International

08/2024 – Present Islamabad

- Lead native Android development of REEFT, an app for a Denmark-based client, across design, build, testing and release.
- Engineered REEFT to work fully offline, so users get its key functions with no network connection.
- Structure the codebase with Kotlin, MVVM and Clean Architecture to keep it modular, testable and easy to maintain.
- Review code, fix bugs and remove performance bottlenecks to keep quality high release after release.

Software Engineer – Android & Backend

ArpaTech (Pvt.) Ltd

12/2022 – 08/2024 Islamabad

- Delivered the Caremiles Android app in Kotlin and Jetpack Compose with MVVM, Clean Architecture, Coroutines and Kotlin Flow.
- Integrated Stripe for secure in-app payments.
- Automated builds with Bitbucket Pipelines CI/CD and SonarQube quality gates, catching code issues before release.
- Raised code quality with unit tests that kept regressions out of production.
- Created backend APIs in Node.js, Express and Sequelize on MySQL and PostgreSQL, and contributed to React Native and Flutter apps.

Android Developer

Switch Solutions (Bakhabar Kissan)

03/2021 – 12/2022 Islamabad

- Developed Bakhabar Kissan app for crop management, weather, market prices, loans, livestock and machinery, usable online and offline.
- Shipped Telenor's Khushaal Watan app, giving farmers localized farming content, weather updates and calls with agriculture and livestock experts.
- Implemented the Jazz MAgri field-agent app in Flutter (MVVM, GetX, Provider) to record farmers' produce and loan transactions.

EDUCATION

Master of Computer Science

PMAS Arid Agriculture University

2018 Rawalpindi

SKILLS

Android & Languages

Kotlin · Java · Coroutines · Kotlin Flow · LiveData · Room · WorkManager · Dagger 2 · Hilt

Architecture

MVVM · Clean Architecture · SOLID · Offline-first Apps

UI/UX Design

Jetpack Compose · XML Layouts · Data Binding · Design-to-code

API Integration

REST APIs · Retrofit · Firebase · PubNub · Stripe Payments · Third-party SDKs

Security

AES & RSA Encryption · ProGuard / R8

Testing & Debugging

Unit Testing · SonarQube · Android Studio Debugger · Bottleneck Analysis

Version Control & CI/CD

Git · Bitbucket Pipelines · Google Play Releases

Android Developer

Reactive Space (Pvt.) Ltd

09/2019 – 03/2021 Islamabad

- Launched Tyslin Exchange, a crypto trading app with real-time market prices and an embedded multi-coin wallet to send, receive and manage digital money.
- Developed Pro Guide, an exam-prep app for CSS, FPSC, PPSC and PMS candidates with MCQs, eligibility checks, forums and note sharing.
- Published all three apps, including FQE, to Google Play.

Android Developer

HA Technologies and Oranje Click

12/2017 – 12/2018 Islamabad

- Built Mom's School Transport and BloodLine (HA Technologies), plus Rasai, FannInnbox, XLINX and Crowd1 (Oranje Click).
- Applied MVVM, Room, LiveData, Data Binding, Firebase, PubNub, AWS and MySQL across these apps.

Cross-platform & Backend

Flutter · React Native · Node.js · Express · Sequelize · MySQL · PostgreSQL · AWS

Soft Skills

Collaboration · Communication · Problem-solving · Ownership · Continuous Learning

PUBLISHED APPS

REEFT	Google Play
Caremiles	Google Play
Bakhabar Kissan	Google Play
Jazz MAgri	Google Play
Pro Guide	Google Play

CERTIFICATION

Backend Development with Node.js, Express and Sequelize
IBM

LANGUAGES

English	Advanced (C1)
Urdu	Native