



Muhammad Shayan

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ABOUT ME

Android & Flutter Engineer building offline-first, scalable mobile apps with modern Kotlin/Compose and Flutter architecture. Delivered 40–60% performance gains, multi-module systems, and 99%+ crash-free releases across production apps. Experienced with on-device ML, CI/CD automation, and high-reliability app lifecycles.

WORK EXPERIENCE

Freelance

[01/06/2024 – Current]

Android Developer

- Delivered **3 production apps (10k+ installs)** with offline-first sync, Firebase/Room persistence, and stable release cycles.
- Cut **UI latency by 30–50%** through render-pipeline optimization and state-flow restructuring.
- Introduced **multi-module architecture + CI pipelines**, reducing release time by **40%**.
- Maintained **99.5% crash-free** builds across all shipped versions.

Appverse Technologies

[05/2025 – 08/2025]

Android Developer (Intern)

- Built Compose + MVVM modules; improved stability by **25%** through refactoring and testing.
- Integrated REST/GraphQL APIs with smart caching → **2x faster** load times.
- Contributed to CI/CD pipelines, increasing deployment efficiency and automated test coverage.

PROJECTS

AI Trust Ledger (Next-Gen Investment App)

Kotlin, Cloud Functions, Firestore, Coroutines

Engineered automated ROI cycles, referral logic, and wallet workflows using Firebase Cloud Functions, delivering real-time sync and fraud-resistant processing at scale.

LeafBloom (AI-Powered Tomato Leaf Diagnosis)

TFLite, Kotlin, Compose, CameraX

Built an offline ML inference pipeline with **95%+ accuracy**, bilingual UI, history tracking, and auto-generated disease reports.

GitPulse (Developer Productivity App)

Flutter, Dart, GitHub OAuth, REST APIs

Created a cross-platform tool that syncs GitHub commits, auto-summarizes developer activity, and stores preferences across devices.

EDUCATION AND TRAINING

[2022 – Current]

BS Software Engineering

University of Sargodha

SKILLS

Languages

Kotlin | Dart | Java

Frameworks & Architecture

Jetpack Compose | Flutter | MVVM Arhitecture | Clean Architecture | Modularization

Databases

[Firebase](#) | [Room](#)

Tools

[Android Studio](#) | [Git/GitHub](#) | [Postman](#)

APIs

[REST](#) | [GraphQL](#)