

MOIN OMER HABIB

Senior Android Engineer — Kotlin, Jetpack Compose, MVVM, TDD, CI/CD, Secure Mobile Systems

+92(343) 444-4886 — omer.habib26@gmail.com

Portfolio: bit.ly/OmerHabib — Github: [omerhabib26](https://github.com/omerhabib26) — LinkedIn: [omerhabib](https://www.linkedin.com/in/omerhabib)

SUMMARY

Senior Android Engineer with **8+ years** in **Mobile Application Development**, API Integration, and Performance Optimization. Experienced as an **Android Developer** delivering scalable, high-performance apps. Skilled in CI/CD, secure feature delivery, system design, and cross-functional collaboration with stakeholders for mission-critical edtech, fintech, and multiplatform products.

KEY ACHIEVEMENTS

Code & UI Migration	Migrated apps from Java + XML to Kotlin + Jetpack Compose , boosting UI consistency and feature delivery by 30% for 5M+ users .
Scalable Architecture	Designed modular multi-module apps , enabling parallel development and simplifying long-term maintenance.
CI/CD Optimization	Streamlined pipelines with GitHub Actions , cutting deployment time by 40% .
Secure Feature Delivery	Integrated secure payment flows and advanced testing, maintaining 99%+ crash-free rate .

SKILLS

Programming	Kotlin (primary), Java, Python, SwiftUI, XML
Architecture & Patterns	Clean Architecture, MVVM, MVI, SOLID, Repository Pattern, Modularization
Mobile Frameworks	Android SDK, Jetpack Compose, Kotlin Multiplatform (KMP), SwiftUI
Networking & Auth	RESTful APIs / GraphQL, OAuth 2.0, JWT, Secure Storage, Encrypted Preferences, Secure Payment Flows, Social Login
Libraries & Integrations	Hilt/Dagger/Koin, Retrofit, Room, Firebase Suite (Crashlytics, Remote Config, A/B Testing, Analytics), Push Notifications, Segment, Braze, Branch, In-App Purchases, Payment Gateways, Google Maps, reCAPTCHA
Project Management	Agile / Scrum / Kanban methodologies
Testing & Performance	Unit/Instrumentation Testing (JUnit), TDD/BDD, Screenshot Testing, LeakCanary, Android Profiler
UI/UX & Accessibility	Material Design, Compose UI, Responsive Layouts, Accessibility, Localization, Figma
DevOps & Tools	Git/GitHub, GitHub Actions, AWS S3, Google Play Console, CI/CD, Jira, Confluence

ENGINEERING & LEADERSHIP PRACTICES

- Provided **leadership** for Agile teams (Scrum, Kanban) enabling **cross-functional delivery**.
- Maintained **CI/CD pipelines** to accelerate releases.
- Advocated **Clean Code, modularization, and scalable architecture**.
- Championed **TDD/BDD** for reliable, high-quality releases.
- Offered **mentoring** and structured code reviews to grow engineers.
- Ensured clear **stakeholder communication** and alignment across teams.
- Introduced emerging Android technologies to **future-proof applications**.

EXPERIENCE

Senior Android Engineer
Arbisoft Global

Aug 2017 – Present — 8+ years
Remote / Texas, US

- Migrated legacy codebase from **Java** → **Kotlin** → **Jetpack Compose**, improving UI consistency and accelerating feature delivery.
- Architected scalable **multi-module apps** using Clean Architecture, MVVM, and Hilt.
- Optimized **CI/CD pipelines** with GitHub Actions, reducing deployment time by **40%**.
- Integrated **secure in-app payments**, ensuring transaction reliability and compliance.
- Applied **TDD and automated UI testing**, achieving a **99%+ crash-free rate**.
- Mentored junior engineers and enforced quality through rigorous **code reviews**.

PROJECTS

edX Android App (EdTech)

[edx.org](#)

Migrated Android codebase from **Java** → **Kotlin** → **Jetpack Compose** with modular architecture, boosting feature delivery speed by **30%** for **3M+** active learners.

Cheetay Delivery (On-Demand)

[cheetay.pk](#)

Developed scalable features for real-time tracking and secure in-app payments using **MVVM + Clean Architecture**, supporting **2M+** users and thousands of concurrent orders daily.

CERP Survey App (Research)

[cerp.org.pk](#)

Engineered an **offline-first survey tool** with secure data synchronization for remote field usage, adopted by **500+** field agents across multiple regions.

Sentimeter Kiosk (Feedback System)

[sentimeter.io](#)

Maintained a kiosk-mode app, migrated to **Kotlin**, and improved stability via robust error handling.

OPEN-SOURCE CONTRIBUTIONS

- Maintainer of the **Open edX Android app** (open-source).
- Contributor and reviewer in both **Open edX** and **Arbisoft** mobile engineering teams.

EDUCATION

Punjab University College of Information Technology (PUCIT)
Bachelor of Science in Computer Science

Lahore, Pakistan
2012 – 2016

CERTIFICATIONS & TRAINING

Coursera — Jetpack Compose for Modern Android UI (2022)
Internal Training — Application Security & Secure Coding (2020)
Udemy — Building REST APIs with Python & Django (2019)
JetBrains Academy — Kotlin for Android Developers (2018)

CONFERENCES ATTENDED

Gitex Global, Dubai — In-person
Open edX Conference — Virtual
PyCon Pakistan by Arbisoft — In-person

Oct 2023
2022 & 2023
2018 & 2024

LANGUAGES

- Fluent in **English**