

TASHAF MUKHTAR

Senior Android Developer



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TECHNICAL SKILLS

Java & Kotlin

Android Studio & SDK

XML & Jetpack Compose

RESTful API, JSON & SOAP

SQLite, Room, Realm & SQLCipher

Kotlin Coroutines & Flow

View Binding & Data Binding

MVC, MVP & MVVM

Clean Architecture, MVI

MVVM + UDF

DI - Dagger Hilt & Koin

DataStore & SharedPreferences

Jetpack Security: Crypto

Firebase (Auth, Remote Config, Firestore)

Git, GitHub & GitLab

Retrofit, OkHttp & WebSockets

CI/CD, Performance Profiler

Stream Chat SDK – Custom view holders, reactions, offline messaging

Clean Code Practices (SOLID, KISS & DRY)

ML Kit (Face Detection, Landmark Detection, Text Recognition)

Paging 3 for RecyclerView-based UI

SUMMARY

Senior Android Developer with 10+ years of experience building and scaling Kotlin-based applications across chat, IoT, media, and on-device AI domains. Experienced in Clean Architecture, MVVM/MVI, Jetpack Compose, modularization, real-time WebSockets, offline-first storage, and Firebase. Delivered applications with 98% crash-free sessions, 99% uptime, 30% faster load times, and 25% lower memory usage.

PROFESSIONAL EXPERIENCE

Senior Android Developer

01-OCT-2024 - Present

Bob Almonda Info Tech Co., Dubai

Led the end-to-end development of a scalable Android chat application from the ground up, designing the architecture and implementing core features using MVVM, Clean Architecture, and modularization. The app supports 1:1 and group chats, text messages, image sharing, location sharing, links, contacts, red envelope transactions, message reactions, and offline storage.

- **Architecture:** MVVM, Clean Architecture, Modularization
- **Networking:** Retrofit, OkHttp, WebSockets for real-time chat
- **Chat SDK:** Stream Chat SDK (v6.5.1) with custom message view holders
- **APIs & Services:** REST APIs for profiles and authentication, Firebase Remote Config for feature toggling
- **Security & Permissions:** Encrypted SharedPreferences, runtime permission handling
- **Performance Optimization:** Lazy loading, RecyclerView optimizations, background processing with WorkManager

Android Developer Team Lead

01-JAN-2024 - 30-AUG-2024

TB International DMCC, Dubai

As a Senior Android Developer and Team Lead, I've contributed across the full app development lifecycle. I leverage modern technologies and agile methods to build efficient, high-quality Android applications.

- **Architecture Design:** Designed scalable and maintainable application architectures using MVVM to support evolving business requirements.
- **Development:** Developed clean, efficient Kotlin code using modern Android SDKs to build user-focused features.
- **Code Excellence:** Reviewed code to ensure clean, efficient, and maintainable Kotlin practices.
- **Performance Optimization:** Used Android Profiler to improve app performance and ensure smooth user experience.

TASHAF MUKHTAR

MediaPipe (Face Mesh, Eye Landmarks, Pose Detection)

TensorFlow Lite (On-device Model Inference)

Android Performance Profiler

Memory Leak Detection (LeakCanary)

ProGuard & R8 Optimization

Jetpack Navigation Component

WorkManager & AlarmManager

Data Sharing across Applications

APP DEPLOYMENT & MONITORING

Google Play Store Publishing

App Store Optimization (ASO)

App Store Policy Compliance

Crashlytics, Android Vitals & Firebase Performance

Release Management & Versioning

SOFT SKILLS

Problem Solving, Critical Thinking, Creativity, Adaptability, Self-Learning

Communication, Collaboration, Emotional Intelligence, Empathy, Negotiation

Attention to Detail, User Experience Focus, Self-Motivation, Initiative

Time Management, Prioritization, Continuous Learning, Growth Mindset

Self-awareness, Accountability, Patience, Leadership

PROFESSIONAL EXPERIENCE continued

Senior Android Developer

27-JUN-2022 - 21-SEP-2023

Million Soft Technology, Dubai

At Million Soft Technology, I played a key role in designing, developing, debugging, and maintaining Android applications, enhancing app performance and user experience. My responsibilities included troubleshooting and resolving issues in existing apps, ensuring compatibility across multiple devices, and optimizing app interfaces for diverse mobile environments. Below are the highlights of my tenure:

Core Responsibilities:

- **App Development:** Developed and implemented major modifications and extensive new features across Android applications, from design through deployment, focusing on robustness, security, and user experience.
- **Debugging and Maintenance:** Identified and resolved crashes and bugs in existing applications, significantly improving app stability and user satisfaction.
- **Performance Optimization:** Enhanced application performance to meet and exceed user expectations, ensuring smooth and responsive operation across all device types.
- **Cross-Device Compatibility:** Conducted extensive testing on multiple devices to address and rectify compatibility issues, guaranteeing a seamless user experience for a broad audience.
- **UI/UX Optimization:** Refined app interfaces to ensure they were adaptable to a variety of mobile devices, enhancing usability and accessibility.

Project Details:

Chat App:

- Developed a comprehensive chat application featuring private and group chat capabilities, incorporating message encryption and decryption to ensure user privacy.
- Adopted the MVVM pattern and Clean Architecture principles to facilitate scalable, maintainable code.
- Integrated ORMLite and Room Database for efficient data storage and retrieval, alongside Retrofit for network operations using RESTful APIs.
- Focused on performance optimization, employing best practices to enhance app responsiveness and reduce latency.
- Utilized Git & GitLab for version control, adhering to SOLID principles to promote high-quality, modular code.
- Implemented SharedPreferences for user settings management and custom WebView for enriched content display.
- Ensured the app's compatibility and optimized performance across multiple devices, addressing any issues through comprehensive testing.

Performance Optimization: Improved Android app performance, enhancing load times by 30% and reducing memory usage by 25%. Optimized responsiveness through RecyclerView optimizations, lazy loading, and background processing. Conducted device testing across 50+ devices, ensuring smooth operation, especially for the Chinese market.

TASHAF MUKHTAR

EDUCATION

BSc Software Engineering

MUST

Mirpur AJK Pakistan

2009 - 2014

Android Nanodegree

Udacity

Project-based course covering Android fundamentals, UI/UX, and publishing apps

FINAL YEAR

PROJECT

Online Quiz Evaluation System
Using IP Address Authentication

SIDE PROJECTS

Eye Lens Editor - Using ML Kit & MediaPipe

Real-time eye landmark detection with filter overlays
Exploring on-device AI with ML Kit and MediaPipe for mobile AR features

Currently learning OpenCV for image preprocessing and filter application

Learning TensorFlow Lite and custom TFLite model integration for real-time inference and advanced visual effects

TECH FOCUS

Building intelligent Android apps using on-device AI

Exploring real-time vision and AR features with ML Kit and MediaPipe

Passionate about combining mobile UI/UX with practical machine learning

PROFESSIONAL EXPERIENCE continued

Android Engineer

Expo 2020, Dubai

01-OCT-2021 - 30-APR-2022

Developed Android applications for Expo IoT devices used by security teams on Airbus devices, ensuring 99% uptime and seamless compatibility. Resolved critical crashes and improved performance across 30+ hardware variants. Key projects included the Vehicle Access Management App and ESTS App, built using MVVM, REST APIs, Room Database, and SOLID principles to deliver secure, scalable, and fault-tolerant systems.

Senior Android Developer

SBS Studio, Pakistan

06-OCT-2018 - 30-SEP-2021

Developed and maintained Android applications, including a custom keyboard, photo editor, and text-based applications, while launching 2 new products and supporting 5+ existing apps with 98% crash-free sessions.

Migrated Android applications from Java to Kotlin, implemented new features, and resolved bugs and crashes to improve application stability and performance

Stack: Kotlin, Java, MVVM, SQLite, Room, Retrofit, Jetpack, ViewBinding.

Implemented AdMob and Facebook Audience Network, Firebase, Firestore, Crashlytics, Analytics, AlarmManager, JobScheduler, and SharedPreferences. Managed tasks in Trello and conducted QA across diverse Android devices, ensuring reliable application releases.

Android Developer

FHA Technology, Pakistan

10-JUN-2015 - 05-OCT-2018

Developed and published multiple Android applications on the Google Play Store, achieving 100K+ cumulative downloads. Improved user experience and application stability across a range of Android devices. Integrated Google Play Services and Google Maps API v2, and led code reviews that helped lower the crash rate by 5%.

- **Birthday Photo Editor:** A creative tool for personalized photo editing.
- **Weather App:** An intuitive application providing real-time weather updates.
- **Pattern ScreenLock:** A secure and customizable screen lock system.
- **Water Drink Reminder:** A health-focused app encouraging hydration.
- **Eye Lens Editor:** A photo editing app for virtual eye lens fitting.
- **Incoming Call Locker:** An app enhancing privacy by locking incoming calls.

Android Developer

Jolta Technology, Pakistan

06-JUN-2014 - 06-JUN-2015

Developed and launched multiple Android applications on Google Play, including GPS Speedometer, Currency Converter, and Nearby Places. Implemented location-aware features using Android GPS and Google Maps/Places services, built reliable real-time utility functionality, and optimized the user experience across a range of Android devices.