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Open to Relocation/Remote
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Sufyan Sattar

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I am a Mobile engineer with 7+ years of experience building large-scale healthcare, fintech, and consumer apps. Expert in Kotlin, Jetpack Compose, modular architectures, performance optimization, and secure mobile engineering. Strong track record delivering high-quality apps (5M+ downloads multiple apps), leading teams, and integrating complex systems at scale.

Technologies and Languages

- **Mobile Development:** Android, iOS (Beginner), KMM, KMP, Compose Multiplatform, React Native, Android SDK, Multi-module Architecture, MultiDex, Modular Codebase, Material Design 3, Navigation Compose, Data Binding, View System
- **Languages:** Kotlin, Java, Dart (Flutter), PHP, XML, HTML, CSS, JavaScript, C#, C++, Python (Basic), SQL, Bootstrap, Swift (Basic)
- **Architectures & Design Patterns** Clean Architecture, MVVM, MVI, MVC, MVP, SOLID Principles, Multi-Modular, Builder, Singleton, Repository Pattern, Use Case Pattern, Dependency Injection, Reactive Programming
- **Dependency Injection & Networking:** Hilt (Dagger 2/Hilt), Koin, KSP, Retrofit, OkHttp, GraphQL, WebSocket, Socket.io, Kotlinx Serialization, JSON Parsing
- **Databases & Storage:** Room, OrmLite, Realm DB, Firebase Firestore/Realtime DB, SQLCipher, SQLite, SQL Delight, DataStore Preferences, SharedPreferences, Core Data
- **UI, Jetpack & Reactive Libraries:** Jetpack Compose, Material 3, Coil (GIF/SVG), Lottie, MPAndroidChart, Vico Charts, Constraint Layout Compose, Accompanist Permissions, Glance App Widgets, Cloudy, Paging 3, Work Manager, Navigation Component, Kotlin Coroutines, Flow, StateFlow, LiveData, RxJava, RxAndroid
- **Unit Testing & QA:** JUnit 4, Mockito, MockK, Espresso, Compose UI Testing, Unit Testing, Integration Testing, TDD
- **Third-Party Integrations:** Firebase (Analytics, Crashlytics, Performance, Cloud Messaging), OneSignal, CleverTap, AppsFlyer, AppDynamics, Azure Communication Services, Terra SDK, Google Fit, Fitbit API, Whoop API, Google Health Connect, UAE PASS, Facebook SDK, Samsung Pay
- **Payment & Security:** Samsung Pay, Apple Pay, Google Pay, Stripe, PayPal, DexGuard, Biometric Authentication, Secure Data Handling
- **Media & 3D** ExoPlayer, Media3, Custom Camera, PDF Rendering, Image Cropper, LibGDX, GLTF, 3D Avatars
- **Maps & Location:** Google Maps, Google Maps Compose, Google Places API, ArcGIS, Location Services, Play Services Location
- **DevOps & CI/CD:** Bitrise, Codemagic, Jenkins, GitHub Actions, Fastlane, Multi-flavor Builds, App Signing, ProGuard, R8, Automated Testing, Google Play Store Deployment
- **Development Tools & Collaboration:** Android Studio, Gradle (Kotlin DSL), Git, Bitbucket, Jira, Confluence, Notion, Trello, Monday, Slack, Coda, Lucid Chart, Figma, PRD writing
- **Analytics & Monitoring:** Firebase Analytics, Crashlytics, Performance, Statsig, Datadog
- **Coding Standards:** KtLint formatter on each commit pre-hook

Work Experience

Senior Software Consultant (Mobile)

Systems Limited - UAE

Feb 2023 – Present

- Lead mobile engineer for a multi-module healthcare platform (20+ modules, 100K+ active users); improved maintainability by 45% and team velocity by 35%.
- Built genomics and lifestyle modules supporting DNA import and personalized insights.

- Developed telehealth video consultations using Azure Communication Services with <200ms latency.
- Integrated 9+ health and fitness data sources (Fitbit, Google Fit, Whoop, Terra, Health Connect).
- Implemented secure payment flows supporting 1M+ monthly transactions with 99.99% success rate.
- Delivered real-time 3D health visualization using LibGDX and GLTF.
- Established CI/CD pipelines (Bitrise, Codemagic) for automated multi-environment releases.
- Mentored 5+ engineers and maintained consistent code-quality standards.

Projects: Pura by PureHealth, PuraSpace, Finca (Banking App)

Senior Software Engineer

Tkxel - USA

April 2022 – Jan 2023

- Built enterprise mobile apps using MVVM, Room and Retrofit; improved data-load performance by 30%.
- Developed Jenkins and GitHub Actions CI/CD pipelines for automated multi-environment deployments.
- Reduced crash rate to <0.5% through proactive monitoring and instrumentation.
- Mentored 3+ engineers and maintained consistent code-quality standards.

Projects: Comet Rail App, Comet Wayside App, Tropic Air, DDSLab, CatchU, SeatedApp

Android Developer

the Entertainer LLC - UAE

Jan 2022 – Mar 2022

- Delivered features for a multi-module consumer app serving 1M+ users.
- Deploying an Android SDK to a Maven repository, including potentially hosting it on GitHub Packages.
- Improved user engagement by 20% by optimizing key flows and integrating Maps & Places.

Project: The Entertainer App (1M+ Downloads)

Android Developer

AKSA SDS Pvt Ltd - PK

Dec 2020 – Jan 2022

- Worked on a full redesign and rebuild of a mobile banking application with 5M+ downloads.
- Worked on mobile app security (DexGuard, AES/RSA encryption, SSL Pinning), barcode scanning, and multi-provider authentication.
- Implemented national biometric verification for secure customer authentication with security compliances.

Projects: UBL Banking App (5M+ Downloads), BVS App

Android Developer

the IT Zon - PK

Jul 2019 – Nov 2020

- Developed 15+ consumer apps; 10+ achieved millions downloads across global Play Store markets.
- Built high-performing multimedia, utility, and productivity apps with analytics, ads, and notification systems.

Projects: Al Quran Kareem, Prayer Times, Anti-Theft Alarm, Clock Screensaver, Stickers for WhatsApp, Status Saver, Video Player, Music Player (Each Projects have 1 to 10M+ downloads)

Android Developer

Metologix Pvt Ltd - PK

Jul 2018 – Jun 2019

- Built e-commerce and POS applications; improved reliability and modernized legacy codebases.
- Develop a location based social application for users to connect each other.

Projects: ShoppingWorld, MadamJee, Iftikar & Sons, NearByChat

Education and Certifications

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- **BS Software Engineering**, University of Sargodha, Sargodha **2015 – 2019**
 - **Meta (Facebook) Android Developer Professional Certificate** **2023 – 2023**
 - **Master in Dart Language (Flutter)**, Udemy **2021 – 2022**