

MUHAMMAD MANSOOR SATTI

Flutter Developer | Mobile & Web | Firebase, APIs, Payments & AI

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PROFESSIONAL SUMMARY

Flutter Developer with 3+ years of experience building and shipping production mobile and web applications. Experienced across requirements, architecture, development, Firebase/API integration, testing, internal review, and store deployment. Strong in payments and subscriptions, real-time systems, Generative AI integrations, and third-party APIs. Shipped 8+ production applications across sports, edtech, AI-powered content, e-commerce, social platforms, and independent products.

TECHNICAL SKILLS

Flutter & Dart: Flutter, Flutter Web, Dart

Architecture: Clean Architecture, DDD, Repository Pattern, Freezed

State Management: GetX, Riverpod, BLoC, Provider

Backend & Cloud: Firebase Auth, Firestore, Storage, Cloud Functions, FCM, Analytics, Crashlytics, Hive

APIs & Real-Time: REST APIs, Dio, HTTP, WebSockets, Socket.IO, Strava API, Google Maps, GPX Parsing

Payments & Monetization: Stripe, Stripe Connect, RevenueCat, Google Play Billing, Apple In-App Purchases, AdMob

AI & Security: Google Vertex AI, Generative AI APIs, Biometric Authentication

Tools & Deployment: Git, GitHub, Postman, Android Studio, VS Code, Google Play Console, App Store Connect

PROFESSIONAL EXPERIENCE

Flutter Developer | Nexar Solutions — Islamabad, Pakistan | Jun 2024 - Present

- Build and ship production Flutter applications for mobile and web across sports, edtech, AI-powered content, marketplaces, and social products.
- For Firebase-backed applications, independently handle Flutter development and Firebase implementation, including authentication, Firestore, storage, notifications, testing, internal revisions, and release preparation.
- For API-driven applications, coordinate with backend developers on requirements and API contracts while owning Flutter-side integration, models, authentication flows, error handling, file uploads, and production workflows.

Flutter Developer | Alestra Solutions — Islamabad, Pakistan | Mar 2023 - Jun 2024

- Progressed from Flutter Intern to Associate Flutter Developer to Junior Flutter Developer while delivering client-facing mobile applications and Flutter Web admin dashboards.
- Implemented application features, backend communication, real-time functionality, authentication, and responsive web interfaces based on client requirements.
- Collaborated with backend and product teams to integrate APIs, resolve production issues, refine requirements, and prepare releases.

SELECTED PROJECT — RIDE WITH PALS

Ride With Pals — Sports Club & Athlete Platform | Lead Flutter Developer / Project Lead

- Authored 70%+ of the codebase across 320+ commits and led major Flutter development for a two-sided platform connecting cycling clubs with individual athletes.
- Implemented real-time GPS tracking, multi-step ride creation, GPX parsing, Google Maps, scheduling, device calendar synchronization, low-latency chat, and multipart media sharing.
- Integrated Stripe Connect for club organizer payouts and RevenueCat for in-app subscriptions, supporting a hybrid monetization model.
- Implemented WebSockets/Socket.IO and Firebase services including FCM; took features through development, internal testing, revisions, and release preparation.

Tech: Flutter, Dart, GetX, Dio, WebSockets/Socket.IO, Google Maps, GPX, RevenueCat, Stripe Connect, FCM

SELECTED PROJECTS

Roomply — Flatshare Management Platform | Full-Stack Mobile Engineer

- Built an all-in-one flatshare application using Flutter and Firebase, implementing real-time resource booking, presence, house-rule voting, expense tracking, split calculations, and task delegation.
- Implemented Firebase Auth, Firestore, Storage, and FCM flows, plus group and one-to-one messaging with file and image handling.
- Worked with Clean Architecture/DDD and adapted features and UX based on client requirements; supported bilingual English/French experiences and responsive theming.

Tech: Flutter, Dart, Clean Architecture, DDD, GetX, Firebase Auth, Firestore, Storage, FCM

Oracle / Astrology App — AI Content Platform | Full-Stack Flutter & Firebase Engineer

- Built an interactive astrology and tarot application using Google Vertex AI and Cloud Functions to generate personalized readings.
- Implemented RevenueCat subscriptions, AdMob rewarded/interstitial monetization, animated card reveals, ambient audio, FCM, Firestore flows, and bilingual English/Spanish experiences.

Tech: Flutter, GetX, Firebase, Cloud Functions, Google Vertex AI, Firestore, RevenueCat, AdMob, FCM

OtakuShelf — Independent Product | Solo Creator & Full-Stack Developer

- Conceived, designed, developed, tested, and deployed the product independently from the ground up, owning the complete product lifecycle.
- Handled architecture, UI implementation, REST API integration, local data management, monetization, analytics/crash monitoring, release preparation, and Google Play deployment.
- Made product and implementation decisions independently based on user workflows and practical product requirements.

Tech: Flutter, Dart, Riverpod, Freezed, Hive, Dio, REST APIs, GoRouter, Firebase Analytics/Crashlytics, RevenueCat, AdMob

ADDITIONAL PRODUCTION WORK

- Dog's Kitchen — contributed to a production Flutter application published on the Apple App Store, including client-driven feature development, subscription flows, notifications, ads, testing, and release fixes.
- Worked across additional client products including Socio Mart, Fraternity, classifieds/social applications, and Flutter Web admin dashboards. Professional client repositories are private due to proprietary ownership.

EDUCATION

BS Computer Science — Barani Institute of Info Tech (PMAS-Arid University), Rawalpindi | 2018 – 2022

LANGUAGES

English — Professional working proficiency | Urdu — Native | Punjabi — Native