

Asad Bangash

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About

Flutter Developer with 2+ years of experience building scalable cross-platform mobile applications for fintech, healthcare, edtech, and e-commerce industries. Experienced in developing and deploying production-ready applications on Google Play Store and Apple App Store. Skilled in Firebase services, REST API integration, payment gateways, real-time communication systems, performance optimization, and clean architecture. Passionate about delivering high-quality mobile solutions for international clients.

Skills

Core Technologies: Flutter, Dart, Firebase (Authentication, Firestore, Cloud Functions, Push Notifications), REST APIs, **Architecture & Patterns:** Clean Architecture, MVVM, MVC
AI & Recommendation Systems: Pinecone Vector Database, OpenAI Embeddings, Semantic Search, Recommendation Engines, Vector Similarity Search
State Management: Riverpod, Provider, GetX
Integrations: Stripe Payment Gateway, Reloadly API, ZEGOCLOUD, Google Maps SDK

Deployment & Distribution: Play Store Publishing, App Store/TestFlight Deployment, Firebase Hosting, App Distribution
Tools & Platforms: Git & GitHub, Visual Studio Code, Android Studio, Postman, Stripe Payments

Work Experience

Metasense

Jul 2025 - Present

Mid-Level Flutter Developer

- As a Flutter Developer at Metasense, I build and deliver production-ready mobile applications from development to deployment. I work across front-end development, Firebase backend integration, performance optimization, and App Store/Play Store release management to ensure scalable and high-quality applications. I collaborate with designers, backend engineers, and product stakeholders to transform business requirements into user-friendly mobile solutions while following Clean Architecture and MVVM principles for maintainable codebases.

RZ Technologies

Feb 2024 - Jun 2025

Flutter Developer

- Developed and maintained fintech, e-commerce, and service-based mobile applications for international clients using Flutter and Dart.
- Collaborated with backend developers, designers, and project managers to deliver high-quality mobile solutions.
- Participated in the complete software development lifecycle, including development, testing, deployment, and maintenance.

UZR Tech

2022 - Jan 2024

Junior Flutter Developer

- Contributed to the development of cross-platform mobile applications using Flutter and Dart.
- Assist in application deployment, testing, and maintenance while following industry best practices.
- Gained hands-on experience with real-time systems, push notifications, and Firebase backend integrations.

Education

Kohat University of Science and Information Technology

Oct 2021 - Jun 2025

BS in Software Engineering

Projects

- Liquid Canvas:** Liquid Canvas is a TV streaming art platform that turns screens into dynamic digital art displays with 1K+ downloads. It allows users to play curated art, animations, and personal media across connected TVs.
- MY UNI:** Built a university management platform featuring one-to-one messaging, group chats, assignments, grades, and push notifications. Successfully deployed and published on the Apple App Store.
- Fintech Mobile Application:** Built a fintech platform for mobile top-ups and digital gift cards with secure payments,

real-time balance updates, and international transaction support.