

Ehsan Yaqoob

Flutter & Mobile App Developer

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SUMMARY

Mobile App Engineer with 3+ years in the complete SDLID for high-scale, cross-platform applications, delivering robust solutions for both Android and iOS platforms. Expert in implementing Clean Architecture, advanced State Management (BLoC, GetX, Provider), robust RESTful API integration, Firebase, and performance optimization. Proven ability to establish CI/CD pipelines (Fastlane/GitHub Actions), resulting in streamlined deployment, consistently delivering production-ready, highly maintainable code.

EDUCATION

PMAS Arid Agriculture University · B.S. in Computer Science · CGPA: 3.3/4.0

Coursework: Data Structures & Algorithms, Software Engineering, Operating Systems, Computer Networks, AI

Member: Aridian Array Society, Member of ARID CS Club, The Code Society of CS at ARID (2024/25)

TECHNICAL SKILLS

Programming/Core: Dart, Swift, Java/Kotlin, Python, BLoC, GetX, Provider, Clean Architecture, SQL, Unit Testing

Frameworks/Tools: Flutter, React Native, Expo, Android/iOS SDKs, REST APIs, Firebase, CI/CD, Shorebird, Fastlane, GitHub Actions, Git, Android Studio, XCode, VS Code

EXPERIENCE

National Police Foundation

Mobile App Developer — Flutter, Dart, SOLID, Shorebird, XCode, Android Studio

Islamabad, Pakistan

Apr 2024 – Present

- Developed and deployed E-Challan App using **Flutter** and **Provider**, successfully serving 500+ monthly active field users
- Architected data layer via **SOLID**, slashing latency by 40% through robust **Firebase** and **REST API** integration
- Automated **CI/CD** pipeline with **GitHub Actions/Shorebird** for fast deployment, cutting mobile release from hours to minutes
- Established comprehensive **Unit Testing** protocols across critical application features, ensuring high overall code quality

Tech Solutions

Mobile Developer — Flutter, React Native, Fastlane, VSCode, Unit Testing

Islamabad, Pakistan

Dec 2023 – Mar 2024

- Developed key features for Funica AR and E-Wallet using **Flutter** and maintained high-quality mobile applications for e-commerce platforms leading to a 35% increase in user engagement integrated advanced analytics tracking
- Implemented **DRY** features using Dart, which contributed to a 20% growth in monthly active users
- Collaborated closely with the UI/UX design team to create intuitive interfaces that improved customer satisfaction by 25%
- Automated **Build** workflows using **Fastlane** in an Agile environment, significantly reducing build failures by 30%

Logixsy Tech

Flutter Developer — Dart, Bloc, Provider, Firebase, Git, Xcode

Islamabad, Pakistan

Jan 2023 – Oct 2023

- Built and designed production-ready **Flutter** applications serving thousands of users, leveraging **BLoC** and **Provider**
- Enhanced data synchronization across devices, ensuring a seamless user experience, and boosting app ratings
- Optimized memory usage and improved app launch time by 20% through efficient **Dart** coding practices
- Participated in code reviews and debugging sessions, improving overall code quality and reducing production bugs

PROJECTS

Digital Sergeant App — Flutter, Firebase, GetX, Native SDKs, Unit Testing

Jul 2024 – Present

- Developed a E-Challan system for ITP, utilizing **Flutter/GetX**, to manage real-time violator tracking and fine payments
- Integration with Android/iOS SDKs for location services, native SMS, and camera functionality, ensuring robust data

Funica AR (E-Commerce App) — Provider, REST APIs, Git, Shorebird

Dec 2023 – Jan 2024

- Built Funica AR, core e-commerce Solution, AR, E-Wallet, furniture visualization, using a hybrid **Flutter**
- Optimized product data loading via secure **REST APIs**, leveraging **Provider** across complex 3D rendering views and checkout

National Police Foundation (NPF) App — Flutter, Fastlane, XCode, Firebase, Provider, SQL

Jan 2024 – Jun 2024

- Built a subscription app integrating secure **APIs** for member data management and application scalability
- Implemented local data caching and synchronization using **SQL** and **Firebase**, ensuring reliability and seamless data updates