

# Ehsan Yaqoob

## Flutter & Mobile App Developer

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### Summary

Mobile App Developer with 3+ years of experience engineering and deploying production-grade applications for Android and iOS. Architected scalable solutions using Clean Architecture, BLoC, and GetX for state management. Enhanced application performance by optimizing rendering and reducing jank. Integrated RESTful APIs and Firebase services while establishing automated CI/CD pipelines. Managed full development lifecycle from concept to deployment on Google Play and App Store.

### Experience

#### Mobile App Developer

Apr 2024 – Present

National Police Foundation • Islamabad, Pakistan

- Engineered cross-platform Flutter applications using GetX for state management, supporting digital field operations
- Architected real-time data synchronization by integrating Firebase Firestore with REST APIs, significantly reducing data latency
- Optimized application performance through widget tree refactoring and efficient state management implementation
- Automated CI/CD pipeline using GitHub Actions, drastically reducing deployment time and manual effort

#### Mobile Developer

Dec 2023 – Mar 2024

Tech Solutions • Islamabad, Pakistan

- Developed mobile applications with Flutter, integrating REST APIs for seamless data operations
- Implemented CI/CD workflows with GitHub Actions, streamlining build and deployment processes
- Enhanced UI performance by optimizing Flutter widget rendering, maintaining consistent frame rates across multiple screens
- Improved application stability through comprehensive testing and code optimization techniques

#### Flutter Developer

Jul 2023 – Oct 2023

Logixsy Tech • Islamabad, Pakistan

- Developed production Flutter applications using Firebase Auth and Firestore, serving thousands of active users
- Implemented authentication flows reducing login time through optimized token management strategies
- Achieved high crash-free session rates by identifying and resolving critical performance issues
- Delivered pixel-perfect UIs through close collaboration with design teams, enhancing user experience

### Skills

Flutter • Dart • GetX • Bloc • Clean Architecture • Cross-Platform  
Firebase • REST APIs • GitHub Actions • CI/CD  
Android • iOS • React Native • Unit Testing • Widget Testing  
Git • GitHub • Postman • Android Studio • VS Code • Agile/Scrum

### Education

#### Bachelor of Science in Computer Science

Nov 2021 – 2025

PMAS Arid Agriculture University • Rawalpindi, Pakistan

CGPA: 3.3/4.0

### Projects

#### Digital Sergeant App

Jul 2024 – 2025

Mobile App Developer — Developed an e-challan app for Islamabad Traffic Police for online fine payment, violator tracking, and real-time updates.

Tech Stack: Flutter, Firebase, GitHub

#### National Police Foundation (NPF) App

Jan 2024 – Jun 2024

Flutter Developer — Built a mobile app for maintenance requests and member subscriptions with REST APIs and Firebase synchronization.

Tech Stack: Flutter, REST API, Firebase