

Faizal Rahman

<https://faizrhm.dev/>

Professional Summary

Senior Software Engineer with over 9 years of professional experience delivering high-performance, enterprise-grade cross-platform apps across Flutter and React Native. Over 6 years of focused Flutter/Dart development, architecting scalable mobile solutions with Clean Architecture, GetX, Riverpod, Provider, and BLoC. Proficient in integrating cloud-native services from AWS and Azure, including Cognito, Lambda, API Gateway, and App Services to support secure, scalable backends. Experienced in React Native for hybrid app delivery. Skilled across the full mobile lifecycle—CI/CD automation, OTA updates, store deployments, and performance monitoring—with strong Agile collaboration and client-facing delivery experience.

Core Components

- **Mobile Development:** Flutter, Dart, React Native, Java, Provider, Riverpod, GetX, BloC, RxDart, Custom Animation, Platform Channels, Deep Linking, Firebase.
- **Cloud & DevOps:** AWS (Cognito, Lambda, S3, API Gateway, Amplify), Azure (App Services, Functions, Blob Storage), Supabase, Bitrise, GitHub Actions, Fastlane, Codemagic, Firebase Distribution, Google Maps, Strip, Moneris, WebSocket.
- **Architectures:** Clean Architecture, MCV, MVP, MVVM, Modularization, Dependency Injections, Secure Storage, Offline-first design.
- **Mobile Tooling & Testing:** Firebase Crashlytics, AppCenter, Hive, SQLite, Integration Testing, Unit Testing, Golden Tests, Mockito.
- **Agil Practice:** Scrum, Jira, Sprint Planning, Client Demo, Cross-functional Team Collaboration, Continuous Integration/Delivery.

Professional Experience

Senior Software Engineer

Jan 2022 – Present

Netlinks – Afghanistan

- Architected and delivered Flutter-based mobile apps for enterprise clients, ensuring complete parity and optimized UX across Android and iOS.
- Led end-to-end mobile development on Flutter apps for job portals, blood donation, e-learning, and logistics platforms, delivering scalable and secure app architectures.
- Integrated REST APIs, Firebase, and AWS S3 for real-time and cloud-synced experiences; leveraged Lambda and DynamoDB for async workflows.
- Delivered polished UI/UX using Flutter animations, custom widgets, and platform channels to access native APIs.
- Implemented in-app purchases and deep linking Flutter environments with platform-specific SDKs
- Contributed to platform SDK integration efforts, including Google Maps, Stripe payments, and Firebase Cloud Messaging.
- Integrated Google Maps API to enhance location-based service, offering seamless navigation and geolocation functionalities.
- Developed real-time communication features using WebSocket, enabling a live update and interactive user experience.
- Integrated multiple payment gateways (Stripe, Moneris, and others) to ensure a smooth and secure checkout experience.
- Connected applications with various backend services and APIs (RESTful APIs, Firebase, Google Clouds, AWS) to enhance functionality, improve security, and boost. Performance.
- Worked directly with clients on feature mapping, user testing, and milestone validation in Agile sprints.
- Engineered encrypted data storage with Hive and SQLite, supporting offline workflows and GDPR compliance.
- Built CI/CD pipelines using Fastlane and Bitrise, automating regression tests and deployment across internal and production environments.
- Released apps to App Store and Play Store using Fastlane with built-in environment-based configuration and OTA update support.
- Led mobile code reviews, performance tuning sessions, and internal training for new team members on Flutter and Kotlin development.

Flutter Developer

Jul 2019 – Nov 2021

Rana University – Afghanistan

- Develop design and maintain responsive UI components, animations, and interactive features in Flutter to enhance the overall mobile app experience.

- Built and maintained modular codebases using GetX for reactive state and route management, improving testability and reducing onboarding time.
- Contributed to cross-platform mobile projects using React Native alongside Flutter, maintaining shared business logic while building native UI.
- Conduct thorough code reviews, performance profiling, and analysis to identify and resolve bottlenecks, ensuring optimal app efficiency.
- Perform rigorous testing and debugging to maintain a high-quality, bug-free, and smooth user experience across devices.
- Optimize application performance, ensuring seamless responsiveness, adaptability, and efficiency across various screen sizes and platforms.
- Developed performance-monitoring solutions with AppCenter and Firebase, improving crash resolution and app responsiveness KPIs.
- Automated build, testing, and deployment using Bitrise and GitHub Actions; distributed test builds through Firebase App Distribution.
- Participated in QA troubleshooting and user acceptance testing across various Android OS versions and device types.

Mobile Application Developer

Aug 2018 – Apr 2019

DNA Consultants – Afghanistan

- Built and maintained cross-platform mobile applications using PhoneGap, actively contributing to project planning, execution, and successful delivery.
- Collaborated with cross-functional teams to gather and refine project requirements, ensuring alignment with business objectives and user needs.
- Implemented and enforced industry best practices, including code standards, design patterns (MCV, Clean architecture), and scalable development principles for maintainability and performance.
- Participated in QA troubleshooting and user acceptance testing across various Android OS versions and device types
- Integrated third-party APIs and services, enhancing mobile app functionality, user experience, and overall efficiency.

Database Developer

Sept 2016 - Nov 2017

Ministry of Finance – Afghanistan

- Built and maintained scalable backend solutions using PHP Laravel, ensuring high performance and efficiency.
- Conducted thorough code reviews, provided constructive feedback, and collaborated with team members to uphold code standards and best practices.
- Optimized database queries and performance, significantly enhancing application responsiveness and scalability.

Mobile Application Developer

Oct 2015 - Sept 2016

MovingUP Mobile – Malaysia

- Built and maintained cross-platform mobile applications using PhoneGap, leveraging HTML, CSS, and JavaScript to construct seamless user experience.
- Implemented responsive and intuitive UI features, ensuring adherence to design principles and user experience best practices.
- Integrated PhoneGap plugins to access native device functionalities, enhancing app performance and feature set.
- Identified, troubleshooted, and resolved issues, actively participating in continuous improvement initiatives to refine the development process.

Education

Bachelor of Science in Computer Science

2011 – 2015

Staffordshire University – United Kingdom

Bachelor of Science in Computer Science

2011 – 2015

Asia Pacific University of Technology and Innovation (APU / APIIT) – Malaysia