

# MONIRUL ISLAM

## Flutter Developer

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### Professional Summary

Results-driven Flutter Developer with 3 years of mobile app development experience, building and deploying scalable, high-performance cross-platform applications for iOS and Android. Skilled in Flutter, Dart, REST APIs, Firebase, and state management (Provider, Bloc, Riverpod) with strong knowledge of clean architecture, SOLID principles, and dependency injection etc. Adept at collaborating in Agile teams, optimizing app performance, and delivering user-centric solutions.

### Core Skills

- Languages & Frameworks: Dart (OOP, SOLID), Java, Kotlin, Flutter, DSA
- Architecture & Patterns: Clean Architecture, Bloc Pattern, MVVM, MVC, SOLID, Modularization, Dependency Injection, Custom Package to Handle Data and Domain Layers
- State Management: Provider, Bloc, Riverpod
- Networking: Http, Dio, Retrofit, Custom Interceptor, Error Handling
- UI/UX: Responsive Design, Animations, Custom Themes, Custom Package
- Local Storage: Hive, SQLite, SharedPreferences, GetStorage, Isar
- Firebase: Authentication (Google, Social Media), Firestore, Push Notifications, Analytics, Crashlytics
- Other Tools: Git/Github, Bit Bucket, Trello/Jira, Agile/Scrum, CI/CD, Build Runner, JSON Serializable/Annotation, Freezed, Data Model Mapping, Data Source, Build Runner, Auto Route/Route Config, Deep Linking
- Testing: Unit Testing, Widget Testing, Mockito/Flutter Test
- Payment Gateways: Khalti, ConnectIPS, Brac Bank, SSL COMMERZ, In App Balance or Deposit System, JSON Form Payment System
- Additional: Platform Channel, Work Manager, Background Tasks, Logging, Code Quality & Testing, Custom Package, Google ML Kit

### Professional Experience

#### Prime Tech Solution Ltd. – Dhaka, Bangladesh

*Jr. Software Engineer (Flutter Developer) | Feb 2024 – Present*

- Developed and maintained production-level iOS & Android apps using Flutter
- Build responsive UI/UX for mobile and tablet with reusable Flutter widgets
- Integrated REST API's using Dio & Retrofit, handle JSON with JSON Serializable & Annotation
- Implemented state management with Provider, Bloc and Riverpod for scalable apps
- Managed local storage with Hive, SQLite, SharedPreferences and GetStorage
- Integrated Firebase Auth, Firestore and Push Notifications
- Collaborate with cross-functions teams in an Agile/Scrum environment
- Optimized app performance, ensuring smooth animations and reduced app crashes by 20%

#### INVASIS – Dhaka, Bangladesh

*Flutter Developer | May 2025 – Oct 2025 | Part-Time | Remote*

- Developed and enhanced **QADR**, a feature-rich Islamic mobile application used by thousands of users, ensuring a seamless and intuitive Flutter-based user experience
- Implemented **Audio Quran player**, prayer utilities, and digital compass with sensor-based Qibla direction for precise Islamic guidance
- Engineered complex modules including **Member Management, Donation Gateway, E-Commerce/Shopping System**, and role-based user access
- Integrated **SSLCommerz** payment gateway to enable secure online donations, merchandise purchases, and subscription-based transactions
- Developed real-time **Chat System** enabling user-to-admin communication, using WebSocket and Firebase for instant, reliable messaging
- Designed and optimized a modular architecture using **Provider**, ensuring maintainability and scalable code structure
- Built offline-first features and data caching with **Hive & GETStorage**, ensuring smooth access in low-network environments
- Enhanced performance by optimizing animations, minimizing rebuilds, and reducing load times for media-heavy Islamic content

## Graphics Cycle – Dhaka, Bangladesh

Jr. Software Engineer (Flutter Developer) | Mar 2023 – Dec 2023

- Contribute to multiple mobile app projects from development to deployment
- Integrated Firebase services for authentication and cloud storage
- Build and maintain clean, modular and reusable aligned with SOLID principles
- Participate in code reviews, sprint planning and deployment processes

## Key Projects

**Qadr** – Islamic Learning and Shopping App | Flutter, Retrofit, Provider, Firebase, JSON Serializable/Annotation

- Built UI, API integration, shopping feature (ecommerce), Islamic CMS features, Islamic LMS features, Donation, SSL Commerce, member management

**Paribahan** – Online Bus Ticketing App | Flutter, Dart, Bloc, REST API's, Retrofit, JSON Serializable/Annotation, Build Runner

- Built complete UI, Integrated REST API and implemented secure SSL Commerce.

**Cosmos Holiday/Flights Nepal (B2B/B2C/Subagent)** – Airplane Ticket Booking App | Flutter, Dart, Firebase, Provider

- Developed UI, Integrated app functionalities and implemented payment APIs

**Trippler/Buy Tickets (B2B/Subagent)** – Airplane Ticket Booking App | Flutter, Dart, Firebase, Provider

- Developed UI, Flight booking APIs, Integrated app functionalities and implemented payment APIs

**Document Scanner & Pdf Generator** – OCR & Pdf Converter App | Flutter, Firebase, Google ML kit

- Developed scanning, OCR, PDF generator features with camera integration

**QR Code Scanner** – Barcode QR code Scanner & Maker | Flutter, Dart, Firebase, Google ML kit | QR Scanner

- Developed a fast, smart and accurate all-in-one QR code generator and Barcode scanner
- Support all QR Barcode formats

## Education

**Uttara University** – Dhaka, Bangladesh

BSc in Computer Science and Engineering (CSE) | 2019 – 2023

## Certificate & Training

- **Flutter Mobile App Development** – Code Studio, Rajshahi (2023)
- **Data Structure and Algorithms** – Bohubrihi (2025)
- **Continuous learning in Android Development, AI/ML**

## Languages

- **Bengali** (Native)
- **English** (Professional)

## Professional References

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