

Md Al Amin Mia

Mobile Application Developer

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Mohammadpur, Dhaka - 1207

CAREER OBJECTIVE

Flutter Developer with 4+ Years of Experience in Building High-Performance Cross-Platform Applications

Expert in Flutter & Dart with a proven track record of delivering scalable, visually appealing applications for startups and enterprises. Specialized in state management (BLoC, Riverpod, Provider, GetX), Firebase integration, and performance optimization. Passionate about clean architecture, smooth animations, and delivering pixel-perfect UIs.

Technical Mastery:

Flutter SDK, Dart, Null Safety

State Management: BLoC, Riverpod, GetX, Provider

Backend: Firebase (Auth, Firestore, Cloud Functions), RESTful APIs

DevOps: CI/CD (GitHub Actions) **UI/UX**: Custom Widgets, Animations, Responsive Design

Key Wins:

Built **15+ Flutter apps** (4 SaaS App)

Reduced app load time by **35%** via optimization techniques

Mentored **3 junior developers** in Flutter best practices

WORK EXPERIENCE

TEAM LEAD MOBILE APP – [XpertLab Bd Ltd](#)

 9/4, Road 2, Shyamoli, Dhaka-1207 |  Mar 2022 – Present

Key Responsibilities:

- Led development of cross-platform applications using Flutter for Android, Web, and Desktop, applying Clean Architecture and modular design patterns.
- Integrated Socket.io, WebSockets, Agora SDK, Jitsi Meet, and Video SDK to implement real-time features including audio/video calling for appointment systems and remote consultations.
- Built SaaS-based business solutions including:
 - Sales Force Automation
 - Distribution Management
 - Attendance & Order Management
 - Work Schedule Tracking
 - CRM Systems
- Implemented Market Hierarchy Management and Multi-level Role-based Access Control for nationwide sales teams.
- Developed location-aware modules using Google Maps, Polyline drawing, and Distance calculation to track field forces and delivery efficiency.
- Maintained robust state management using BLoC, GetX (with GetCLI), and Provider across complex apps.
- Worked with advanced local storage systems like Hive, SharedPreferences, SQLite, and Drift/Drift Builder for real-time and offline data sync.
- Integrated RESTful APIs, GraphQL, Dio, and http for backend communications.
- Managed complete Firebase stack: Auth, Cloud Firestore, Realtime Database, FCM, and Local Notifications.
- Created Business n-Tier Applications and Condominium Management Systems for enterprise clients.
- Designed and maintained GitHub Actions workflows for CI/CD, enabling seamless deployments to our in-house app distribution platform.
- Implemented custom invoice printing compatible with WiFi, USB, and Bluetooth thermal printers
- Applications successfully adopted by leading brands such as Emami Bangladesh, Himalaya, Marico, Fogg Perfume, AristoPharma, Ziska Pharma, Unimed and Unihealth etc.

Flutter Trainer (Under ICT Division) – [Dot Com Systems Ltd](#)

 Madaripur, Dhaka |  Sept 2021 – Feb 2022

Key Responsibilities:

- Designed and developed complete Android & iOS applications from scratch using Flutter.
- Conducted research and proof-of-concept development for various app features and technologies.
- Created detailed documentation for developed modules and application features.
- Delivered structured training sessions to help participants understand programming fundamentals and mobile app development best practices.

App Developer – [Soft It Care](#)

 Niketon, Dhaka |  Jan 2021 – Aug 2021

Key Responsibilities:

- Designed and developed Android applications from scratch using Java and XML, following industry-standard best practices.
- Implemented local data persistence using SQLite and Room, with support for background services and scheduled tasks using AlarmManager.
- Integrated REST APIs using Retrofit and Volley for real-time data handling and server communication.
- Developed core features such as push notifications, background processing, and service-based architecture.
- Followed MVP and MVVM architectural patterns to ensure modularity, testability, and maintainability.
- Contributed to technical documentation and actively participated in team discussions and knowledge sharing sessions.

Junior App Developer – Banglaking Software Ltd

 Dhanmondi, Dhaka |  Oct 2019 – Dec 2020

Key Responsibilities:

- Contributed to the design and development of Android applications from the ground up using Java and XML.
- Maintained and enhanced existing codebases, fixing bugs and optimizing performance across multiple apps.
- Integrated Firebase services including Realtime Database, Authentication, Storage, and Cloud Messaging (FCM).
- Implemented REST API integration using Retrofit and Volley to enable dynamic content and backend communication.
- Utilized SQLite for offline data storage and synchronization.
- Collaborated with cross-functional teams to deliver app features on time and according to specification.
- Participated in internal code reviews, testing, and version control using Git.

SKILLS

- Mobile, Web & Desktop Development
 - Flutter (Android, iOS, Web, Desktop)
 - Native Android (Java)
- State Management
 - BLoC, GetX (with GetCLI), Provider
- Real-Time Communication
 - Socket.io, WebSockets, Agora SDK, Jitsi Meet, Video SDK
- Networking & APIs
 - RESTful APIs, GraphQL
 - http, dio, Retrofit, Volley
- Database & Caching
 - Hive, SQLite, SharedPreferences, Drift (with Drift Builder)
 - Firebase (Firestore, Realtime Database, Firebase Auth)
- App Architecture & Performance
 - Clean Architecture, SOLID Principles
 - Background Services, Alarm Manager, Isolate, Method Channels

- **Notifications & Printing**
 - Firebase Cloud Messaging (FCM), Local Notifications
 - Custom invoice printing with WiFi, USB, and Bluetooth printers
- **Tools & DevOps**
 - Git, GitHub, GitHub Actions (CI/CD)
 - App publishing (Play Store)
- **Other Technologies**
 - Google Maps, Polylines, Distance Calculation
 - In-App Update, Multilingual Support, Biometric Auth
 - PDF Generation, Azure File Sharing
 - Business n-Tier Apps, CRM, Payroll, Attendance, Sales Force Automation

APPLICATIONS

❖ Flutter app

- Sales Force Automation (SPO data capturing app) – [SFA_Nxt](#) (id: sp00662 Pass: 1234)
- Distribution Management System – [DMS_Nxt](#) (id: union@xpertcapture.com Pass: 123456)
- Doctor booking and paperless memo app – [Inpocket](#) (Doctor id: 01315218889 Pass: 654321
Patient id: 01886188693 Pass: 123456)
- Condominium Management app – [XpertCondo](#)
- Homeopathy patient management app – [Homoeo Sheba](#) (id: 01315218889 Pass: 12345678)
- CRM app (Under Development)
- Delivery App – [AdminDeal Delivery](#)
- Multi-Vendor Ecommerce - [Uiitech](#)

❖ Android Native app

- Rahimafrooz Bangladesh Ltd (Dealer App) – [Druti](#)
- Pharma (MPO data capturing App) - [XpertPharma](#) (id: 10038 Pass: 1234)

EDUCATION

DHAKA INTERNATIONAL UNIVERSITY - Dhaka, Bangladesh - **May 2023**

- Bachelor of Computer Science and Engineering
- CGPA: 3.40/4

THAKURGAON POLYTECHNIC INSTITUTE - Thakurgaon, Bangladesh - **Dec 2018**

- Diploma in Engineering (Computer Technology)
- CGPA: 3.40/4

Languages:

- Bangla – Native proficiency
- English – Fluent (written and spoken)