

Md. Mehedi Hasan

Mobile Application Developer

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PROFESSIONAL SUMMARY

Mobile-focused software engineer who builds and ships production apps end to end — primarily with Flutter, and natively with Java/Kotlin for Android and Swift for iOS. Experienced in regulated banking software and cross-border e-commerce, delivering features such as AI chatbot integration, offline-to-online data sync, live location tracking, secure authentication, payment gateways, and real-time push notifications. Builds on Firebase and Google Cloud, structures apps with BLoC, Riverpod, Provider, GetX, and MVVM for clean, scalable code, and manages SQLite and MySQL data layers that stay reliable online and offline. Also works as a backend developer — building server-side applications and REST APIs with PHP and Laravel, and web interfaces with JavaScript, HTML, and CSS — enabling full-stack delivery across mobile, backend, and web. Tests, debugs, and hardens every release for speed, stability, and security, from architecture through App Store and Play Store launch.

SKILLS

Mobile Development: Flutter & Dart — primary · Android — Java & Kotlin · iOS — Swift · FlutterFlow

UI / UX: Flutter Widgets & Material 3 · Android XML Layouts · Responsive Layouts · Pixel-Perfect UI/UX

Backend & Web: PHP & Laravel · RESTful API Development · JavaScript · HTML & CSS · Node.js & Express.js

Cloud & Firebase: Google Cloud · Firebase Authentication · Cloud Firestore & Realtime Database · Firebase Cloud Messaging (FCM) · Google Maps Platform

AI, Location & Real-time: AI Chatbot Integration · On-Device ML — ML Kit OCR · Live Location Tracking · Real-time Order Tracking · Push Notifications

Banking & E-Commerce: Secure Auth — OTP, Google & Apple Sign-In · Biometric Login · Encrypted Local Storage · Payment Gateway Integration · Loan & Approval Workflows · Session Handling

Data & Offline Sync: Offline-First Architecture · Offline-to-Online Data Sync · SQLite, Room & Drift · MySQL · REST API Integration — Retrofit2 · Background Sync — WorkManager

Architecture & State: BLoC · Riverpod · Provider · GetX · MVVM & MVP

Tools & Delivery: Android Studio & Xcode · VS Code · Git & GitHub · Figma · Performance Optimization · App Store & Play Store Releases

EXPERIENCE

Owner

ArivonIT

Bangladesh

Present

Own Company

- Own and run ArivonIT, publishing Android apps on Google Play under the ArivonIT developer account.
- Shipped CamAllScanner — an offline-first document scanner with on-device OCR, PDF tools, and an encrypted local vault.
- Shipped Scientific Calculator (NovaCalc) — a full expression parser, interactive function graphing, and an offline CAS engine.
- Own each product end to end — product direction, Flutter development, UI/UX, and Play Store releases.

Assistant Programmer

MicroMac Techno Valley Ltd.

Bangladesh

Present

Banking Apps

- Contributing to the development of banking / financial mobile applications for clients including City Bank and BRAC Bank, as part of the core engineering team.
- Applying Android and cross-platform development practices in a regulated, security-conscious banking environment.
- Built the Litigation Management System for BRAC Bank's Legal Division in Flutter — case tracking, Customer 360° views, and legal team / head office workflows across Android and iOS.
- Developed city_fast_approver for City Bank — an internal Flutter app for loan and card file approval, credit bureau checks, and technical / legal valuation review.

• Also contributing to LOS (Loan Origination System), another City Bank mobile application.

Team Lead, Mobile App Development

Bideshibazar e.U

Vienna, Austria · Remote

Since March 2025

Cross-Border E-Commerce

- Developed and maintained the Bideshibazar app in Android (Java), then rebuilt it with Flutter for iOS — live on both the Google Play Store and Apple App Store.
- Built Bideshibazar Seller entirely with Flutter for Android and iOS, currently live on the Google Play Store.
- Designed intuitive, responsive UI/UX with XML layouts, Flutter widgets, and Material Design principles.
- Integrated Firebase Authentication for secure login, OTP verification, and real-time database features.
- Connected apps to backend REST APIs using Retrofit2 for dynamic product, user, and order management.
- Implemented Room Database and SharedPreferences for local storage and offline functionality.
- Built background services with WorkManager and BroadcastReceiver for real-time order tracking and data syncing.
- Integrated Google Sign-In, Apple Sign-In, and Google Maps for location-based features.
- Configured FCM push notifications for order updates, promotions, and alerts.
- Managed app deployment, versioning, and updates on both the Google Play Store and Apple App Store.

EDUCATION

B.Sc. in Computer Science & Engineering

Uttara University (UU), Dhaka, Bangladesh

2022 — 2024

CGPA 3.68 / 4.00

Diploma in Computer Technology

Model Institute of Science and Technology (MIST), Gazipur, Bangladesh

2016 — 2020

CGPA 3.78 / 4.00

SSC (General)

Ramchandrapur Sona Mia Molla Darul Ulum Dakhil Madrasah, Comilla, Bangladesh

2014 — 2016

CGPA 4.25 / 5.00

SELECTED PROJECTS

Bideshibazar · Cross-Platform · E-Commerce

Cross-border marketplace app built natively in Android (Java) and rebuilt with Flutter for iOS — handling authentication, live product/order data, and push notifications for real customers.

Java · Flutter · Firebase · Retrofit2 · FCM

Bideshibazar Seller · Flutter · Marketplace Dashboard

Companion seller app for the Bideshibazar marketplace, built end-to-end in Flutter for Android and iOS so vendors can manage products and incoming orders on the go.

Flutter · Dart · Firebase · REST API

NovaCalc · Flutter · Scientific Calculator

Offline scientific calculator with a full expression parser, interactive function graphing, an offline CAS engine for symbolic algebra and calculus, plus matrix, vector, statistics, and engineering/medical formula suites.

Flutter · Dart · Material 3

FinKhata (Smart Hisab) · Flutter · Personal & Business Finance

Bangladesh-first, local-first finance manager with isolated Personal and Business workspaces — offline account/transaction tracking, budgeting, sales & purchase management, customer/supplier dues, and premium financial-health analytics.

Flutter · Dart · Riverpod · GoRouter · Drift / SQLite

CamAllScanner · Flutter · Android Document Scanner

Offline-first document scanner for Android — page capture and import, non-destructive edits, PDF creation, on-device English OCR, PDF tools and annotations, plus an encrypted local vault.

Flutter · Dart · ML Kit OCR · Android

Media Revive · Flutter · Android Utility

Offline file discovery and recovery assistant for Android with quick, normal, and root-based scan modes, signature-based file validation, duplicate detection, and safe export via the Storage Access Framework.

Flutter · Dart · Kotlin · C++ / JNI

DiplomaQuiz · Android · Java

A quiz application built for Diploma-level students to practice exam-style questions on the go.

Java · Android SDK · SQLite

Pro Note · **Android** · **Java**

A lightweight note-taking Android app for quickly capturing, organizing, and revisiting personal notes.

Java · Android SDK

LANGUAGES

Bengali / Bangla (Native / Fluent) · English (Fluent)

INTERESTS

AI & Emerging Technologies · Problem Solving · Programming · Travelling · Photography & Design