

Abdullah al Masum

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Professional Summary

Software Engineer with **3+ years of experience** building production Flutter applications serving **150k+ users**. Architected and Maintaining **8+ mobile apps** using **Clean Architecture** and **BLoC** state management. Core expertise in **Firebase**, **notification**, **deeplinking**, and **payment gateway** integration.

Technical Skills

Core Expertise: Flutter, Dart, BLoC, Provider, Firebase Services, REST API, MVVM & Clean Architecture with DDD or TDD

Integrations: Product Analytics (GA4, Mixpanel), Payment Gateway (bKash, SSLCommerz), FCM Notification, Deeplinking

Tools & Technology: VS Code, Android Studio, Git, GitHub, Agile Methodology

Professional Experience

Software Engineer | Relaxy

Aug 2022 - Present | Dhaka, Bangladesh

- **Architected deeplink resolution** for navigation across **150k+ users**, **AI chat** and **redesigned onboarding flow** to reduce drop-offs
- **Built and maintained 5 mobile apps** including Consumer app, B2B app (Relaxy wellbeing), **Relaxy Expert** (psychologist consultation app for experts), **Relaxy Support** (support ticketing system for customer service), and **Relaxy Admin** (administrative dashboard for platform management), implemented secure **payment integrations** with **bKash**, **SSLCommerz**, and **maintained Cloud Functions** for **push/in-app notifications**
- **Implemented real-time chat** with **delivery/read receipts**, and instrumented **product analytics** with **GA4/Mixpanel** for activation, retention, and feature adoption

Contract Engineer | Banglafire

2023 | Dhaka, Bangladesh

- **Architected Clean Architecture** solution for **Astute** education management platform with **scalable state management** and **modular architecture**
- **Implemented core modules** for students, results, attendance, and assignments, and **led end-to-end development** in Flutter, delivering **production-ready app** published on Play Store

Open Source Contribution

Flutter bKash Package | Package Rewriter & Contributor

Platform: [Pub.dev](https://pub.dev) | **Role:** Package Rewriter & Contributor

Independently developed and **rewrote** Flutter package for **bKash Payment Gateway** integration, updating it to meet new requirements and modern Flutter standards, **collaborated with original package owner** for seamless community-enhanced release published on **Pub.dev**

Key Flutter Projects

Relaxy (Self-Care) | Maintainer

Platform: Google Play Store

Mental health consumer app serving **150k+ users** featuring **RIRI (Relaxy AI) companion chat** with **Firestore real-time streaming**, **deeplink navigation** with analytics, **onboarding flow** optimization, **secure payment integrations** (bKash, SSLCommerz), **real-time chat** with delivery/read receipts, and **GA4/Mixpanel** analytics integration

Astute | Architect

Platform: Google Play Store

Education management platform built with **Clean Architecture** principles featuring modules for **students management**, **results tracking**, **attendance system**, and **assignments management** with **scalable state management** and **modular architecture** with clear domain boundaries

Relaxy Wellbeing | Architect & Maintainer

Platform: Google Play Store

B2B corporate wellness platform for employee mental health services featuring **session booking system**, **expert consultation** with **real-time chat**, **audio/video support**, and **support ticketing system** for customer service workflows

Education

B.Sc. in Computer Science & Engineering - National University

Additional Information

Location: Dhaka, Bangladesh

Languages: Bengali (Native), English (Intermediate), Hindi (Conversational)