

Abdullah Al Masum

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Professional Summary

Software Engineer with **3+ years** of hands-on experience working across **mobile application development** and **backend services**. Strong foundation in **computer science fundamentals**, **clean coding practices**, and **Agile software development**. Experienced in delivering **well-scoped features**, **fixing production issues**, and collaborating effectively through **code reviews**, **issue tracking**, and **sprint planning**. Motivated learner with a growth mindset, eager to grow with engineering culture.

Technical Skills

Programming Languages: C, C++, Go, JavaScript, TypeScript, Dart

Frameworks & Libraries: Go (net/http, Gin, Chi), NodeJS (ExpressJS, NestJS), Flutter

Backend & APIs: REST API, RBAC, Microservices

Databases: PostgreSQL, MySQL, MongoDB, Firebase

Tools & Platforms: Git, GitHub, CI/CD, Docker, Jira, Linux, Swagger / OpenAPI, Nginx

Development Practices: MVC, MVVM, Clean Architecture, Domain-Driven Design, Agile

Professional Experience

Software Engineer | Relaxy

Aug 2022 – Dec 2025 | Dhaka, Bangladesh

- Developed and Maintained **multiple production Flutter apps** with **user-facing features**, UI improvements, and bug fixes.
- Integrated **RESTful APIs**, **Payment Gateways** with a focus on **clean architecture**, **performance**, and **maintainability**.
- Developed and Maintained **scalable backend service** supporting **150k+ active users** across multiple production applications.
- Built and deployed **containerized Go microservices** using **Docker**, hosted on **AWS EC2**, with automated **CI/CD pipelines**.
- Maintained **serverless backend components** using **Firebase Cloud Functions** for background jobs, notifications, and data synchronization.
- Collaborated closely with **Product**, **UX**, and **Application Engineering teams** to deliver new features and resolve bugs.
- Actively participated in **code reviews**, learning from **feedback** and improving overall code quality.

Contract Software Engineer | Banglafire

2023 | Dhaka, Bangladesh

- Developed core features such as **student management**, **attendance**, and **result tracking** for an **education management mobile application** using Flutter.
- Delivered tasks independently while refining solutions based on **review feedback**.

Projects

Deeplink Resolver Service (Go) | Architect

- Built a backend service for **deeplink routing, validation, and error handling** used by production mobile applications serving **150k+ users**.
- Added **structured logging** to improve debugging and operational visibility.
- Deployed the service as a **Docker container** on **AWS EC2** with **CI/CD automation** to support reliable releases.

Serverless Backend Service (TypeScript) | Maintainer

- Maintained **serverless backend functions** using **Firebase Cloud Functions** to handle **database updates** and **background jobs**.
- Implemented **push and in-app notifications** to support real-time application features.

Social Issue Reporting Platform (Go) | Architect

- Built backend APIs for a social reporting platform handling **location-based data**.
- Implemented **real-time updates** using **Server-Sent Events (SSE)**.
- Implemented **event-based triggers** for backend processing and notification delivery.

Relaxy (Flutter) | Maintainer

Mental health consumer app featuring **RIRI (Relaxy AI) companion chat, deeplinking, onboarding flow** optimization, **secure payment integrations** (bKash, SSLCommerz), **real-time chat** with delivery/read receipts, and **GA4, Mixpanel** analytics integration

Astute (Flutter) | Architect

Education management platform built with **Clean Architecture**, featuring **secure JWT authentication**, and modules for **student management, results tracking, attendance, and assignments management**.

Education

B.Sc. in Computer Science & Engineering

National University, Bangladesh

Additional Information

Location: Dhaka, Bangladesh

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

Problem Solving: Working knowledge of **Data Structures and Algorithms** with hands-on practice using platforms such as **LeetCode** and **HackerRank**.