



# Md. Ariful Islam

## Mobile Application Developer

Result-driven Application Developer with 5+ years of experience in building high-performance mobile applications using Native Android and Flutter. Passionate about crafting scalable, user-centric and solving complex challenges through innovation. Committed to enhancing user experiences with cutting-edge technology and seamless digital solutions.

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📍 Dhaka, Bangladesh

📄 ariful2016.github.io/

🌐 github.com/Ariful2016

🌐 linkedin.com/in/ariful

## SKILLS

Java Kotlin Dart API Jetpack Compose Retrofit Room OOP Flutter ObjectBox App Architecture Responsive Design  
MVVM Co-routine Dependency Injection GetX Bloc Git Animation Problem Solving Firebase Unit Testing

## WORK EXPERIENCE

### Android Engineer

#### Shakti Foundation

May 2023 - Present

Dhaka, Bangladesh

Shakti Foundation is a non-government organization committed to the economic and social empowerment of disadvantaged women across Bangladesh.

#### Responsibilities / Achievements / Tasks:

- Analysis and project planning • Develop new user-facing features • Building reusable codes • Responsive mobile development
- API integration • Data visualization for data-driven decision-making • Debugging errors • Optimize applications for maximum speed
- App performance optimization • Collaboration and communication with the backend and UI/UX developer and QA Team
- Monitoring performance and crashlytics report

**Technologies Used:** Java, Kotlin, Biometric Auth, MVVM, API, Retrofit, Live Data, Rx Java, QR, Animation, Dagger, Object Box, Chart, Firebase, SQL, Appium

**Assigned Projects:** Shakti ERP System (Microfinance, HRM, Support and Maintenance), Shakti Mobile App,

**Contact:** M. A. R. Bin Siddiqui Mamun - smamun@shakti.com.bd

### Flutter Developer

#### Xtra Enterprises Ltd.

Feb 2022 - May 2023

London, UK

Xtra Enterprises Ltd. is an offshore software development company based on London, UK.

#### Responsibilities / Achievements / Tasks:

- Project leadership and management • Analysis and project planning • Task assignment and management • Development monitoring
- Developing user-friendly and reusable components for application • Responsive app & web design • Ensuring android & IOS compatibility
- Collaboration and communication with the backend developer • Code review and testing

**Technologies Used:** Flutter, Dart, Firebase, Figma, OTP, Bloc, GetX, Notification, API, Animation, Maps

**Assigned Projects:** Puppy Potty Log, Awesome Food

**Contact:** A. B. M Shawon Islam - abmshawonislam@gmail.com

### Mobile Application Developer & Instructor

#### Creative IT Institute.

Jan 2021 - Jan 2022

Dhaka, Bangladesh

Creative IT Institute, Bangladesh's leading IT training center.

#### Responsibilities / Achievements / Tasks:

- Develop mobile application • Developing user-friendly UI • Cross-Platform development • Code optimization • API integration
- Debugging & testing • Security & performance • Code review and testing • Training & mentoring • Stay updated

**Technologies Used:** Flutter, Java, Kotlin, Dart, XML, Room, Firebase, API, MVVM, MVC, Retrofit, Dagger, Notification, Live data, Google Maps API

**Assigned Projects:** Creative IT Institute App, Daily Dhowa App, Ecommerce, Chats App, Location Tracker App, Music Player

**Contact:** Md. Masum Mehedi - mededihasan@gmail.com

### Client Project

#### Creative IT Institute

Jun 2021 - Aug 2021

Melbourne, Australia

Creative IT Institute, Bangladesh's leading IT training center.

#### Responsibilities / Achievements / Tasks:

- Develop XNIN application • Developing user-friendly UI • Code optimization • API integration • Write documentation • Publish play store
- Debugging & testing • Security & performance • Communication with client

**Technologies Used:** Java, XML, Room, Firebase, API, MVVM, Retrofit, Dagger, Notification, Live data, Payment Gateway, Laravel, MySQL

**Assigned Projects:** EXNIN - The Learning App

**Contact:** Md. Masum Mehedi - mededihasan@gmail.com

## EDUCATION

### East West University

B.Sc. in Computer Science & Engineering (CSE)

Jan 2016 - May 2020

Dhaka, Bangladesh

## PROJECTS / OPEN-SOURCE CONTRIBUTION

### 01. Foody

The Foody is location-based restaurant recommendations, secure authentication, payment processing and delivery calculations. It ensures precise address retrieval, user ratings and seamless navigation for efficient food discovery, ordering and delivery.

**Features:** • User authentication • Location-Based recommendation • User profile • Order food • Payment system • Categories of food  
• Chose restaurant • Chose location • Rating & reviews • Distance & delivery calculation

**Technologies Used:** Node.js, Flutter, GetX, API, Firebase, Notification, OTP, Maps

**Project URL:** <https://github.com/Ariful2016/Food-Family>

### 02. Bus Reservation

"Bus Reservation" is a ticket buying system where user can buy ticket with desire time schedule and route, cancel before final payment. User can see history of his/her time schedule and route. Featuring a modern UI and integration of cutting-edge technologies and animation.

**Features:** • User authentication • Buy ticket • User profile • History • Animation

**Technologies Used:** Flutter, Spring boot, MySQL, Provider, Http

**Project URL:** <https://github.com/Ariful2016/Bus-Reservation>

### 03. Weather App

A simple Weather App using Jetpack Compose, Retrofit and Coil, following clean architecture principles with distinct UI and Data layers. Implements best practices like dependency injection, reactive streams and modularization.

**Features:** • Real-time weather data from API • Jetpack Compose for responsive UI • Dynamic weather icons with Coil  
• Clean architecture with UI & Data layers • Best practices for Kotlin & Android development

**Technologies Used:** Kotlin, Jetpack Compose, Retrofit, Coil, Hilt, Coroutines & Flow

**Project URL:** <https://github.com/Ariful2016/Weather-App-Compose>

### 04. Recipe

A feature-rich Recipe App using API and Room DB, integrating Jetpack components, MVVM architecture, Kotlin Flow, and Hilt for seamless recipe discovery with offline support and modern UI design.

**Features:** • API integration with Spoonacular • Room DB for local storage • Jetpack component & Material Design • Dark theme support  
• Data Caching • MVVM architecture with Kotlin Flow • Shimmer loading • Hilt • View pager & Motion layout

**Technologies Used:** Kotlin, Jetpack Components, Room DB, Retrofit, LiveData & Kotlin Flow, Shimmer Loading, Motion Layout, DiffUtil, Hilt

**Project URL:** <https://github.com/Ariful2016/Recipe>

## LANGUAGES

English

Full Professional Proficiency

Bangla

Full Professional Proficiency

## REFERENCES

Arman Hossain, Senior Integration Engineer, Terminal49

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