

Md Hasibul Islam

Android Developer · Kotlin · Jetpack Compose

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EDUCATION

Diploma in Engineering – Computer Science & Technology

Dhaka Polytechnic Institute, Dhaka

PROFESSIONAL TRAINING

Android Mobile Application Development (Level-4)

Daffodil International Professional Training Institute

Certification from the National Skill Development Authority (NSDA)

Academic Internship: Mobile Application Development with Flutter

Daffodil International Professional Training Institute

SKILLS

Software Development: Kotlin · XML · Android Studio · Jetpack Compose · Retrofit · Room Database · Firebase · SQLite · MySQL

Collaboration & Tools: Git · GitHub · Leadership · Team Collaboration · Time Management · Multitasking

PROJECTS

Mini Social Media & Real-Time Chat Application

Kotlin · XML · MVVM · Firebase Auth · Firestore · Firebase Storage · Room · Clean Architecture

- Modern, responsive Android interface with Kotlin and XML.
- Firebase Auth, Firestore, and Storage for secure user management and real-time messaging.
- Room Database for local caching and seamless offline accessibility.
- MVVM and Clean Architecture for scalable, maintainable code.
- Retrofit, REST APIs, and JSON for robust network communication.

Weather Application

Kotlin · Retrofit · OpenWeatherMap API · GPS

- OpenWeatherMap API for real-time weather data (temperature, humidity, wind speed).
- Retrofit-based network architecture with robust error handling.
- GPS-powered automatic weather updates based on user's location.

News Application

Kotlin · Retrofit · REST API · MVVM

- REST API with Retrofit for real-time news articles.
- Category-based filtering and advanced search functionality.
- Pagination for smooth scrolling and optimized performance.

Location Sharing Mobile Application

Kotlin · MVVM · Hilt · Coroutines & Flow · Fused Location API · Google Maps SDK · Firebase

- Real-time location sharing and map visualization on Android.
- Background location tracking using Fused Location Provider with optimized battery usage.
- Firebase/Socket backend for reliable real-time data sync.

- MVVM, Coroutines/Flow, and dependency injection for clean, scalable code.

REFERENCES

Nigat Sultana — Head of Department, Computer Science & Technology, Dhaka Polytechnic Institute

Musfiqur Rahman — Course Coordinator, Daffodil International Professional Training Institute · 01638352180