

Rafsan Ahmad

House -34, Road-11, Sector-10. Uttara Model Town.Dhaka-1230
880-1979011446 • rafsan.ahmad.iut@gmail.com

Summary

Mobile Application developer with 8 years of professional experience, mostly utilizing Java and Kotlin-based frameworks.

I possess a wide range of skills in the field of software technologies. I have strong knowledge of different Mobile related technologies, for iOS and Android app development.

Work Experience (8 years)

Samsung R&D Institute, Bangladesh

Feb 2022 – Nov 2024

Software Development Engineer II – Mobile

Worked on Samsung Smart-Things(<https://www.smarthings.com/>) project and developed various functionalities for IoT-connected devices.

My responsibilities include:

- Worked on Smart-Things iOS application, location module to manage location & geolocation for various types of IoT devices.
- Worked on refactoring OCF(Open Connectivity Foundation) based network requests to a REST-based approach with the integration of the Data layer.
- Attend architectural and technical discussions about features to include in the existing application.
- Worked on application build time and reduced incremental build time of the application by 40%.
- Take part in Code review to ensure clean and maintainable code.

Korbyt (Formerly RMG networks), Bangladesh

Nov 2016 – Aug 2021

Software Engineer – Android & iOS

Worked for US Client Korbyt(<https://www.gokorbyt.com/>), a digital signage company headquartered in Texas.

My responsibilities include:

- Worked on KorbytGO – an employee communication-based app.
- Worked on NVIDIA Shield Android for Korbyt's Embedded Android Player.
- Refactored untestable monolithic screens to MVVM architecture with tests.
- Incorporate Android Jetpack Architecture Components into existing apps to improve modularity and testability.

Empire Group, Bangladesh

Feb 2016 - Sep 2016

Software Developer, Mobile Development

My responsibilities include:

- Worked on a Bike ride-sharing mobile application.
- Producing Software specifications.
- Work on Google Maps, JSON, REST, Customized UI design, etc.

Technology Stack

(Proficient): Android, Java, Kotlin, SQL **(Familiar):** Swift, Flutter, C++

Education

B.Sc in Computer Science & Engineering

December 2015

Islamic University of Technology (IUT)

Result: Cgpa 3.55 (out of 4.0)

Thesis: “Privacy-Preserving Channel Access for Multi-domain Internet of Things(IoT)”
Supervisor: Professor Dr. Mahbub Alam

Language Skills

- English – Full Professional Proficiency (IELTS 7.5)
- Japanese – Business Conversational Proficiency (NAT N4 Certified)

Certifications

- Kotlin Essential Training: Functions, Collections, and I/O
- Advanced Java Programming
- Kotlin for Android: Best Practices
- iOS 15 Development Essential Training
- iOS App Development: Design Patterns for Mobile Architecture
- Advanced iOS App Development: MapKit & Core Location
- Agile Project Leadership

Honors And Awards

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| • OIC awarded full scholarship for 4 years of undergraduate study. | 2012-2015 |
| • Being listed in the Top 15 programming answerers from Bangladesh in Stack Overflow | 2018 |
| • KorbytGO – ISE Award Winner for Best ProAV Mobile App. | 2019 |
| • Ranked among the top 10 Github contributors from Bangladesh. | 2022 |
| • SmartThings won best project from the Software Development category in Q1 at Samsung R&D Institute Bangladesh (SRBD). | 2023 |
| • Nominated for Star Engineer award for outstanding performance from SRBD. | 2023 |
| • Successfully passed Samsung's Software Advanced and Professional Certification Exam. | 2024 |

Profile Links

- Personal Website: <https://rafsanahmad.github.io/>
- LinkedIn profile: <https://www.linkedin.com/in/rafsan-ahmad-943543105>
- Stack overflow profile: <https://stackoverflow.com/users/6139861/rafsanahmad007?tab=profile>
- Github Profile: <https://github.com/rafsanahmad>
- Hacker Rank profile: https://www.hackerrank.com/NULL_o
- Leetcode profile: https://leetcode.com/NULL_o/

References: Available Upon Request.