

# Rafsan Ahmad

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## 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 – Current

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 2017 – 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 2017

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

- |   |           |
|---|-----------|
| • 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](https://www.hackerrank.com/NULL_o)
- Leetcode profile: [https://leetcode.com/NULL\\_o/](https://leetcode.com/NULL_o/)

**References:** Available Upon Request.