

Rafsan Ahmad

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Summary

Mobile Application developer with 7 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 (7 years)

Samsung R&D Institute, Bangladesh

Feb 2022 - Current

Software Development Engineer II – Mobile

Working on Samsung Smart-Things(<https://www.smartthings.com/>) project and building different functionality for IoT-connected devices.

My responsibilities include:

- Working on Smart-Things iOS application, location module to manage location & geolocation for various types of IoT devices.
- Working 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.

Raptas Software Inc, Bangladesh

Nov 2017 – Aug 2021

Senior Software Engineer – Android & iOS

Worked for US Client Korbyt(<https://www.korbyt.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.

Chalo Technologies Ltd, Bangladesh

Oct 2016 – Oct 2017

Mobile Application Developer

Chalo is a Local Startup Company that provides an on-demand car reservation facility across Dhaka.

My responsibilities include:

- Launched one of the first On-demand car reservation app in Bangladesh.
- Develop and Maintain Mobile applications according to the Client's requirements.

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

Internship

Empire Group, Bangladesh

Feb 2016 - Sep 2016

Intern 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.

Languages

Bangla (Native or Bilingual), English (Full Professional)

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 |
| • Reached final Top 16 (Out of 500) in EATL Apps Competition (Largest App Development competition in Bangladesh) | 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.