Rafsan Ahmad

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Summary

Mobile Application developer with over 6 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 in different Mobile related technologies, for iOS and Android app development.

Work Experience (6 years 1 month)

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 app, location module to manage location & geolocation for various types of devices.
- Refactor existing codebase to MVVM-C design patten.
- Migrate existing application to use rest-based store communication from previously used Open Connectivity Foundation(OCF)

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 which provides 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

Honers And Awards

OIC awarded full scholarship for 4 years of undergraduate study.	2012-2015
Higher Secondary Level Education Board Scholarship 2011.	2011-2015
Receive Awards in Mecceleration in Line Following Robot Competition	2014
Participated and reach final Top 16 (Out of 500) in EATL apps competition (Largest App Development competition in Bangladesh)	2015
Being listed in Top 15 programming answerers from Bangladesh in Stack Overflow (A site for professional computer programmers to ask different programming related problems)	2017
KorbytGO – ISE Award Winner for Best ProAV Mobile App.	2018
Korbyt - Digital Signage Award Winner for Software Innovation (Sixteen Nine).	2019
Ranked among top 10 Github contributors from Bangladesh.	2022

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_0
- Leetcode profile: https://leetcode.com/NULL_0/

References: Available Upon Request.