Rafsan Ahmad

House -34, Road-11, Sector-10. Uttara Model Town.Dhaka-1230
880-1874632327 • rafsan.ahmad.iut@gmail.com

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

RESEARCH Interest

- Cyber-physical system, Internet of Things(IoT), Data Security and privacy, Data mining, Natural Language Processing.

Work Experience (5 years 3 months)

Software Engineer (Remote) – iOS & Android   **Nov 2017 - Aug 2021**

Korbyt (https://www.korbyt.com/)

- A digital signage company headquartered in Texas.
- Worked on KorbytGO – an employee communication-based app.
- Worked on NVIDIA Shield Android for Korbyt's Embedded Android Player.
- Worked on digital signage software for web and mobile platforms.

Mobile Application Developer   **2016-2017**

Chalo Technologies Ltd (https://cholo.xyz/)

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

Internship   **2016-2016**

Empire Group (https://empiregroup.com.bd/)

- Worked on a Bike ride-sharing mobile application.

Technology Stack

(Proficient): Java, Kotlin, SQL **(Familiar):** Swift, JavaScript, React-Native, Flutter

Professional Projects

KorbytGo

KorbytGo is an internal communications application.

- It is a custom app for Digital Workplace Employee Engagement (App is sold using custom distribution to a tenant-based model)
- Deliver alerts, announcements, and tips to improve user well-being and awareness.
- Deliver surveys and quizzes, polls for the purposes of measuring satisfaction, evaluating competence, or adding gamification to enhance user engagement.
- Provide on-the-go access to critical business information that keeps users constantly informed with real-time data.

https://apps.apple.com/us/app/korbytgo/id1237754930
https://play.google.com/store/apps/details?id=com.rmgnetworks.korbyt.go&hl=en

Korbyt Kompass

Korbyt Kompass is a mobile app to control and manage content in Digital Signage Players.

- Manipulate players and player groups to perform actions and troubleshooting in real-time.
- Assign, unassign playlist to player and player groups.
- Activate Inactivate Urgent Alert.

https://apps.apple.com/us/app/korbyt-kompass/id1445416808
https://play.google.com/store/apps/details?id=com.rmgnetworks.korbyt.kompass

Korbyt Android Player

Android Digital signage player based on NVIDIA Shield.
- Design & develop a nano HTTP server on android to present and parse data from webserver to android webview.
- Develop a Player Service module page to perform utility operations like live screenshot, get logs, perform reboot, clear cache, etc.

https://play.google.com/store/apps/details?id=com.rmgnetworks.korbytandroidplayer

Korbyt Content Management

- Worked on Korbyt Message builder section to embed dynamic content into the player.
- Develop Youtube, Media Grid, Table element which can be configured into canvas & play content.

Chalo Mobile Applications

- Design & architect the Chalo Passenger app.
- Develop a pre-reservation module to book a car ahead of time.
- Develop a real-time send request system for mobile to get a nearby car & start the journey.

HONORS 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 Software Innovation (Sixteen Nine).	2019

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.