Rafsan Ahmad

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EDUCATION

B.Sc in Computer Science & Engineering   **December 2015**

Islamic University of Technology (IUT)

Result: Cgpa 3.55

Thesis: "Privacy-Preserving Channel Access for Multi-domain Internet of Things(IoT)"

Supervisor: Professor Dr. Mahbub Alam (https://scholar.google.com/citations?user=5sjCt8cAAAAJ&hl=en)

RESEARCH Interest

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

Work Experience (4 years 8 month)

Software Engineer (Offshore) – iOS & Android   **2017-current**

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

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

Mobile Application Developer   **2016-2017**

Chalo Technologies Ltd (https://chalo.com.bd/)

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

Internship   **2016-2016**

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

- Worked on a Bike ride-sharing mobile application.

Technology Stack

(Proficient): Java, Swift, SQL **(Familiar):** C++, Kotlin, JavaScript, Python

Professional Projects

KorbytGo

KorbytGo is the 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 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 web server 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 (https://korbyt.com/)

Korbyt is a CMS (content management system) platform designed to manage and organize visual content in Korbyt Players, Mobile, Browsers, etc. The platform is flexible enough though to be tailored to individual users, making it ideal for delivering personal messages. The fact that the platform has a WYSIWYG (what you see is what you get) interface, it's easy to see how content will appear to audiences.

Users can then gain insights into how people have engaged with the content based on metadata and analytics. I have worked on the Korbyt Builder section which is used for building the layouts/messages which will be shown in the signage player screen.

Chalo Mobile applications

CHALO has launched its operation in May 2015 as a pilot project up to June. CHALO provides on-demand car services in Bangladesh with the highest level of customer service, safety, and comfort. Chalo mobile app and call center allow passengers to get a car in 30 minutes and up, pay the fare by cash and bKash, give service feedback, and put driver reviews, check cars location in maps, and many more. CHALO Technologies Ltd. is associated with Desh Ventures Inc. San Francisco, California, USA (A Silicon Valley Venture Firm).

https://play.google.com/store/apps/developer?id=Chalo+Technologies+Ltd&hl=en

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 programmer 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

Graduate Evaluation Exams

- GRE score   -----   302 (Verbal: 145, Quant: 157, AWA: 3.0)
- TOEFL score -----   93 (Speaking: 26, Listening: 25, Reading: 21, Writing: 21)

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

REFERENCES: Available Upon Request.