

MD. ARAFAT HOSSAIN

APPLICATION DEVELOPER

CONTACTS

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LINKS

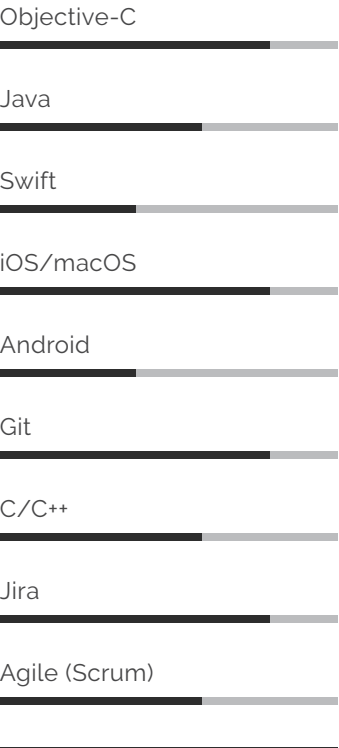
Linkedin
<https://www.linkedin.com/in/iarafathsn>

Github
<https://github.com/iarafathsn>

Stackoverflow
<https://stackoverflow.com/users/4213419>

Website
<https://iarafathsn.github.io>

SKILLS



LANGUAGES



ABOUT ME

Mobile and desktop application developer. Love to develop bug free applications. Adapt swiftly to the new technology. Designed and developed multiple B2B and B2C desktop and mobile applications.

WORK EXPERIENCE

CHIEF ENGINEER

Samsung R&D Institute Bangladesh

JUN - 2013
PRESENT

Samsung DeX for PC

- USB & Wireless connectivity between Mac/PC to Android.
- File Transfer using HTTP protocol between PC and Android Device.
- Android screen rendering in PC app with RTSP protocol.
- PC Keyboard and Mouse sharing to Android.
- Clipboard sharing from PC to Android and vise-versa.
- Part lead of macOS application - build (macOS app notarization), release, market VoCs.
- Collaborate closely with stakeholders including the Product Manager and VPs to understand the functional and non-functional requirements of new features.

UI Automator Tool

- Developed Eclipse plugin tool to generate automated testcase.
- Developed solution (similar to Appium) to test iOS applications.
- Integrated Tizen/Android UI Automator to Eclipse plugin tool.

IoTivity

- Developing APIs in compliance with OCF for IoTivity project.
- Build System Integration with Scons, CMake for IoTivity project.
- Open source contribution for Android & Linux test application.
- Develop Spring Framework based web services.

Key Achievements:

- DeX for PC app with 7M+ downloads and 757K+ active users monthly.
- Samsung Mobile R&D CTO Award, 2019 for significant business contribution.
- SRBD Best Team Award, 2019
- Released B2B solution for Tizen/Android/iOS UI Automator which is being used internally by Samsung.

JR. PROGRAMMER

RTC Hubs Limited

SEP - 2012
JUN - 2013

- Developed multiple camera apps which also provide live camera effect and timer.
- Developed reminder apps for iOS (iPhone/iPad).
- Integrated 3rd party open source library (GPUImage).

Key Achievements:

- Developed 8 apps, which was live on iTunes that time.

EDUCATION

BACHELOR OF SCIENCE

Rajshahi University Of Engineering & Technology

2012

Major: Computer Science and Engineering

- Member of RPA (RUET Programming Association).
- Participate in "ACM-ICPC Dhaka Site 5-6 November" in 2010.